

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-L930-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-L930-CFR2  
Description: 8000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS  
AND 3000K CCT, 90CRI LEDS  
Light Source: -  
Ballast/Driver:  
Luminaire Equipment: Sample No.   Condition   Description

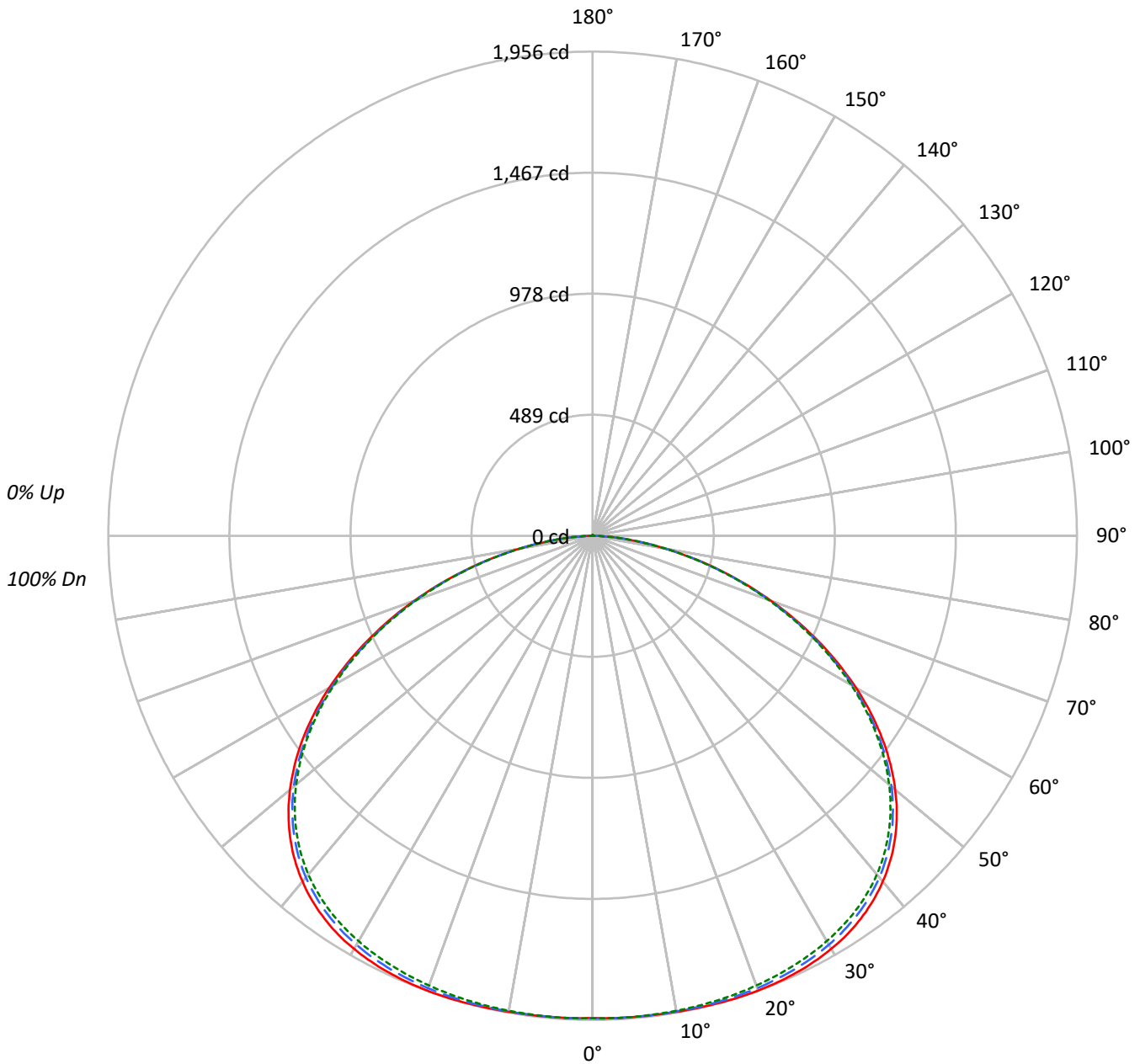
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7058.0 lumens  
Efficiency: N/A  
Efficacy: 111.3 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°	1392	1392	1392
5°	1398	1398	1398
10°	1416	1414	1412
15°	1445	1441	1436
20°	1485	1477	1469
25°	1534	1522	1510
30°	1589	1573	1559
35°	1646	1627	1612
40°	1699	1679	1665
45°	1744	1722	1708
50°	1772	1750	1736
55°	1778	1756	1743
60°	1754	1732	1722
65°	1697	1678	1670
70°	1600	1583	1575
75°	1449	1440	1433
80°	1233	1237	1223
85°	918	940	940



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	186.2	2.6
10°-20°	552.5	7.8
20°-30°	893.1	12.7
30°-40°	1169.8	16.6
40°-50°	1315.8	18.6
50°-60°	1259.0	17.8
60°-70°	982.0	13.9
70°-80°	553.4	7.8
80°-90°	136.9	1.9
90°-100°	0.5	0.0
100°-110°	0.8	0.0
110°-120°	1.4	0.0
120°-130°	2.2	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°	1631.8	23.1
0°-40°	2801.6	39.7
0°-60°	5376.4	76.2
0°-90°	7048.7	99.9
90°-120°	2.7	0.0
90°-150°	7.8	0.1
90°-180°	9.0	0.1
0°-180°	7058.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1949	1949	1949	1949	1949	
5°	1951	1952	1951	1951	1951	186
15°	1955	1955	1950	1946	1944	554
25°	1947	1944	1932	1921	1917	900
35°	1888	1882	1866	1855	1850	1182
45°	1727	1720	1706	1698	1692	1330
55°	1428	1420	1411	1404	1400	1273
65°	1005	1001	993	990	988	992
75°	525	525	522	521	520	557
85°	112	114	115	116	115	130
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°	1949.2	1949.2	1949.2	1949.2	1949.2
0.5°	1948.7	1950.2	1950.6	1950.2	1949.2
1°	1949.2	1950.2	1950.6	1950.6	1949.7
1.5°	1949.7	1950.6	1950.6	1950.6	1950.2
2°	1949.7	1950.6	1950.6	1951.1	1950.2
2.5°	1950.2	1951.1	1951.1	1951.1	1950.2
3°	1950.6	1951.1	1951.1	1951.1	1950.6
3.5°	1950.6	1951.1	1951.1	1951.1	1950.6
4°	1951.1	1951.1	1951.1	1951.1	1950.6
4.5°	1951.1	1951.6	1951.1	1951.1	1950.6
5°	1951.1	1951.6	1951.1	1951.1	1950.6
5.5°	1951.1	1951.6	1951.1	1951.1	1950.6
6°	1951.6	1951.6	1951.1	1951.1	1950.2
6.5°	1951.6	1952.1	1951.6	1951.1	1950.2
7°	1951.6	1952.1	1951.1	1951.1	1950.2
7.5°	1951.6	1952.1	1951.1	1950.6	1949.7
8°	1952.1	1952.1	1951.6	1950.6	1949.7
8.5°	1952.1	1952.5	1951.1	1950.6	1949.2
9°	1952.5	1952.5	1951.6	1950.2	1949.2
9.5°	1952.5	1953.0	1951.1	1950.2	1948.7
10°	1953.0	1953.0	1951.1	1949.7	1948.3
10.5°	1953.5	1953.5	1951.1	1949.7	1948.3
11°	1953.5	1953.5	1951.1	1949.2	1947.8
11.5°	1954.0	1954.0	1951.1	1948.7	1947.3
12°	1954.0	1954.0	1951.1	1948.7	1946.8
12.5°	1954.4	1954.0	1950.6	1948.3	1946.4
13°	1954.4	1954.0	1950.6	1947.8	1945.9
13.5°	1954.9	1954.4	1950.6	1947.3	1945.4
14°	1954.9	1954.4	1950.6	1946.8	1944.5
14.5°	1955.4	1954.4	1950.2	1946.4	1944.0
15°	1955.4	1954.9	1950.2	1945.9	1943.5
15.5°	1955.9	1954.9	1949.7	1944.9	1942.6
16°	1955.4	1954.9	1949.2	1944.5	1941.6
16.5°	1955.9	1954.9	1949.2	1943.5	1940.7
17°	1955.9	1954.4	1948.7	1942.6	1940.2
17.5°	1955.9	1954.4	1947.8	1942.1	1939.2
18°	1955.9	1954.4	1947.3	1941.1	1937.8
18.5°	1955.9	1954.0	1946.8	1940.2	1936.9
19°	1955.4	1954.0	1946.4	1939.2	1935.9
19.5°	1955.4	1953.5	1945.4	1937.8	1934.5
20°	1954.9	1953.0	1944.5	1936.9	1933.5
20.5°	1954.4	1952.5	1944.0	1935.9	1932.1
21°	1954.4	1952.1	1943.0	1934.5	1930.7



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	1952.5	1949.7	1939.7	1930.2	1925.9
23°	1951.6	1948.7	1938.3	1928.8	1924.5
23.5°	1950.6	1947.8	1936.9	1926.9	1922.6
24°	1949.7	1946.8	1935.4	1925.0	1920.7
24.5°	1948.7	1945.4	1934.0	1923.1	1918.8
25°	1947.3	1944.0	1932.1	1921.2	1916.9
25.5°	1945.9	1942.6	1930.2	1919.3	1914.5
26°	1944.5	1941.1	1928.3	1917.4	1912.6
26.5°	1943.0	1939.2	1926.4	1915.0	1910.2
27°	1941.1	1937.3	1924.0	1912.6	1907.9
27.5°	1939.2	1935.4	1921.6	1910.2	1905.5
28°	1937.3	1933.1	1919.3	1907.9	1903.1
28.5°	1935.0	1930.7	1916.9	1905.0	1900.2
29°	1932.6	1928.3	1914.0	1902.1	1897.4
29.5°	1930.2	1925.4	1911.2	1899.3	1894.1
30°	1927.3	1922.6	1907.9	1896.0	1890.7
30.5°	1924.5	1919.7	1904.5	1892.6	1887.9
31°	1921.2	1916.4	1901.2	1889.3	1884.1
31.5°	1918.3	1913.1	1897.4	1886.0	1880.8
32°	1914.5	1909.3	1894.1	1882.2	1877.0
32.5°	1910.7	1905.5	1889.8	1877.9	1872.7
33°	1906.9	1901.2	1885.5	1874.1	1868.4
33.5°	1902.6	1896.9	1881.2	1869.8	1864.1
34°	1897.9	1892.2	1876.5	1865.1	1859.8
34.5°	1893.1	1887.4	1871.7	1860.3	1855.1
35°	1888.4	1882.2	1866.5	1855.1	1849.9
35.5°	1883.1	1877.0	1861.3	1849.9	1844.6
36°	1877.9	1871.2	1855.6	1844.6	1838.9
36.5°	1871.7	1865.5	1849.9	1838.9	1833.7
37°	1865.5	1859.4	1843.7	1832.7	1827.5
37.5°	1859.4	1852.7	1837.5	1826.6	1820.9
38°	1852.7	1846.5	1830.8	1820.4	1814.7
38.5°	1846.0	1839.4	1823.7	1813.2	1808.0
39°	1838.9	1831.8	1816.6	1806.6	1800.9
39.5°	1831.3	1824.2	1809.4	1799.0	1793.8
40°	1823.2	1816.6	1801.4	1791.4	1786.1
40.5°	1815.6	1808.5	1793.3	1783.8	1778.1
41°	1807.1	1799.9	1785.2	1775.2	1769.5
41.5°	1798.0	1790.9	1776.2	1766.7	1760.9
42°	1789.0	1781.9	1767.1	1758.1	1751.9
42.5°	1779.5	1772.4	1757.6	1748.6	1742.9
43°	1770.0	1762.4	1748.1	1739.1	1733.4
43.5°	1760.0	1752.4	1738.1	1729.1	1723.4



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	1727.2	1719.6	1705.8	1697.7	1691.5
45.5°	1715.8	1707.7	1694.4	1686.3	1680.6
46°	1703.9	1695.8	1682.5	1674.4	1668.7
46.5°	1691.5	1683.5	1670.6	1662.5	1656.8
47°	1678.7	1671.1	1657.8	1650.7	1644.5
47.5°	1665.9	1657.8	1644.9	1637.8	1631.6
48°	1653.0	1644.5	1632.1	1624.5	1618.3
48.5°	1639.2	1631.2	1618.8	1611.7	1606.0
49°	1624.5	1616.9	1604.5	1596.9	1591.7
49.5°	1610.2	1602.6	1590.3	1583.1	1577.4
50°	1595.5	1587.4	1576.0	1568.9	1563.2
50.5°	1580.3	1572.2	1560.8	1553.7	1548.4
51°	1565.1	1557.0	1545.6	1538.5	1532.7
51.5°	1548.9	1540.8	1529.4	1522.8	1517.5
52°	1532.7	1524.7	1513.3	1507.1	1501.8
52.5°	1516.6	1508.5	1497.1	1490.4	1485.7
53°	1499.0	1491.4	1480.9	1474.7	1469.5
53.5°	1481.4	1473.8	1463.3	1457.2	1452.4
54°	1463.8	1456.2	1445.7	1439.6	1435.3
54.5°	1446.7	1438.6	1428.6	1422.5	1418.2
55°	1428.2	1420.5	1410.6	1404.4	1400.1
55.5°	1409.6	1402.0	1392.0	1385.8	1382.0
56°	1390.1	1383.0	1373.0	1367.8	1364.0
56.5°	1370.6	1364.0	1354.0	1348.8	1345.0
57°	1351.6	1344.5	1335.0	1330.2	1326.4
57.5°	1332.6	1325.0	1315.5	1310.7	1306.9
58°	1311.7	1304.5	1295.5	1290.8	1287.4
58.5°	1291.2	1284.6	1275.1	1270.8	1267.5
59°	1270.8	1264.1	1255.1	1250.8	1247.5
59.5°	1249.4	1243.2	1234.2	1229.9	1226.6
60°	1228.5	1221.8	1213.3	1209.5	1206.1
60.5°	1207.1	1201.4	1192.3	1188.5	1185.2
61°	1185.2	1179.5	1171.0	1167.2	1163.8
61.5°	1162.9	1158.1	1149.6	1145.8	1142.9
62°	1141.0	1136.2	1127.7	1124.4	1121.5
62.5°	1118.7	1113.9	1105.3	1102.0	1099.2
63°	1096.3	1091.6	1083.5	1080.2	1077.3
63.5°	1073.5	1068.7	1061.1	1057.8	1055.0
64°	1050.7	1045.9	1037.8	1035.5	1032.1
64.5°	1027.9	1023.1	1015.0	1012.6	1009.8
65°	1004.6	1000.8	993.1	990.3	988.4
65.5°	981.7	977.0	969.9	967.5	964.6
66°	957.5	953.7	946.6	944.2	942.3





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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	887.1	882.9	876.7	874.3	871.9
68°	862.9	859.1	852.9	851.0	848.6
68.5°	838.6	834.8	828.7	827.2	825.8
69°	814.4	810.6	805.4	803.9	802.0
69.5°	790.6	786.8	782.1	780.6	778.3
70°	766.4	763.0	758.3	756.9	754.5
70.5°	742.1	738.8	734.5	733.1	730.7
71°	717.9	715.0	711.2	709.3	706.9
71.5°	694.1	691.3	687.0	685.6	683.7
72°	669.9	667.5	663.2	662.3	659.9
72.5°	645.6	643.7	639.4	638.5	636.6
73°	621.4	619.5	615.2	614.2	612.8
73.5°	597.6	595.7	591.9	590.5	589.0
74°	573.8	572.4	568.6	567.6	565.7
74.5°	549.6	548.6	545.3	543.9	542.5
75°	525.3	525.3	522.0	521.1	519.6
75.5°	502.0	502.0	498.7	497.8	496.3
76°	478.7	478.7	475.4	474.5	472.6
76.5°	455.2	455.4	452.6	451.6	450.0
77°	432.7	432.9	430.3	429.1	427.5
77.5°	408.6	409.7	407.6	406.5	404.9
78°	386.1	387.5	385.4	384.5	383.1
78.5°	364.9	365.8	364.4	363.3	361.5
79°	342.7	343.4	342.5	341.5	339.7
79.5°	320.8	322.0	321.4	320.5	318.4
80°	299.8	300.7	300.8	299.6	297.6
80.5°	277.8	279.5	279.8	278.5	277.5
81°	257.4	259.1	259.5	258.8	257.4
81.5°	237.3	239.3	239.7	239.3	237.6
82°	217.2	219.6	220.3	220.0	218.1
82.5°	198.0	200.7	201.4	201.1	199.4
83°	179.4	182.3	183.0	183.2	181.6
83.5°	161.4	164.1	165.0	165.3	163.5
84°	144.1	146.5	147.7	148.1	146.7
84.5°	127.6	129.6	131.0	131.6	130.9
85°	112.1	113.5	114.8	115.7	114.7
85.5°	97.1	98.2	99.2	100.5	99.7
86°	83.1	84.2	84.9	86.0	86.0
86.5°	69.8	70.3	70.8	72.1	72.1
87°	57.1	57.1	57.3	58.9	58.9
87.5°	44.0	44.4	44.6	46.0	46.4
88°	31.0	32.1	32.4	33.7	33.6
88.5°	22.0	22.0	21.9	23.2	23.5



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	1.0	1.0	1.0	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	1.0
111°	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-80-L930-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	1.1	1.2	1.2	1.2	1.1
113°	1.3	1.1	1.1	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°	1.9	1.9	1.9	1.8	1.8
119°	1.9	1.9	2.0	1.9	1.9
119.5°	2.0	2.0	2.0	1.9	1.9
120°	2.1	2.1	2.0	2.0	2.0
120.5°	2.1	2.0	2.1	2.1	2.0
121°	2.1	2.1	2.1	2.1	2.0
121.5°	2.4	2.3	2.2	2.1	2.1
122°	2.2	2.4	2.3	2.2	2.3
122.5°	2.4	2.4	2.3	2.3	2.2
123°	2.5	2.5	2.4	2.4	2.3
123.5°	2.5	2.6	2.4	2.3	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	2.3	2.2	2.4



TEST NUMBER: P#

CATALOG NUMBER: 44ID-80-L930-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	2.5	2.3	2.2	2.2	2.4
135.5°	2.3	2.4	2.2	2.1	2.3
136°	2.3	2.2	2.1	2.0	2.3
136.5°	2.3	2.2	2.1	2.0	2.2
137°	2.3	2.2	2.1	2.0	2.2
137.5°	2.2	2.1	2.1	1.9	2.1
138°	2.2	2.1	2.0	1.9	2.1
138.5°	2.2	2.1	2.0	1.9	2.0
139°	1.9	2.0	2.0	1.8	2.1
139.5°	2.1	1.9	1.9	1.9	2.0
140°	2.0	1.9	1.9	1.8	1.9
140.5°	2.0	1.9	1.9	1.8	1.9
141°	1.9	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°	1.9	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	1.9
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-80-L930-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	1.9
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	1.9
164°	1.8	1.8	1.8	1.9	1.9
164.5°	1.7	1.9	1.8	1.9	1.9
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	1.9	1.8
167°	1.8	1.9	1.8	2.0	1.9
167.5°	1.8	1.9	1.8	2.0	1.9
168°	1.9	1.9	1.8	2.0	1.9
168.5°	1.8	1.9	1.9	2.1	1.9
169°	1.9	1.9	1.8	2.1	1.9
169.5°	1.9	1.9	1.8	2.1	2.0
170°	1.9	1.9	1.9	2.1	1.9
170.5°	1.9	2.0	1.9	2.1	2.0
171°	1.9	1.9	1.9	2.1	2.1
171.5°	1.9	1.9	1.9	2.2	2.0
172°	1.9	1.9	2.0	2.2	2.0
172.5°	2.0	2.0	2.0	2.2	2.0
173°	1.9	1.9	2.0	2.2	2.1
173.5°	2.0	2.0	2.1	2.1	2.1
174°	2.1	2.1	2.2	2.2	2.1
174.5°	2.1	2.2	2.2	2.3	2.2
175°	2.2	2.2	2.2	2.3	2.1
175.5°	2.2	2.2	2.3	2.2	2.2
176°	2.3	2.3	2.2	2.2	2.2
176.5°	2.4	2.2	2.3	2.1	2.2
177°	2.3	2.2	2.1	2.1	2.2
177.5°	2.3	2.2	2.1	2.0	2.2
178°	2.2	2.1	2.0	2.0	2.1
178.5°	2.1	2.1	2.0	2.0	2.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-80-L930-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°	1954.0	1951.6	1942.1	1933.1	1929.2
22°	1953.0	1950.6	1940.7	1931.6	1927.8



44°	1749.1	1741.9	1727.7	1719.1	1713.4
44.5°	1738.1	1730.5	1717.2	1708.2	1702.5



66.5°	934.2	930.4	923.3	920.9	918.5
67°	910.9	906.6	900.0	897.6	895.7



89°	13.9	13.6	13.5	14.2	14.4
89.5°	6.1	6.2	6.1	6.5	6.4



111.5°	1.2	1.0	1.1	1.1	1.0
112°	1.2	1.1	1.1	1.1	1.2





134°	2.4	2.4	2.3	2.3	2.4
134.5°	2.5	2.3	2.3	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°	2.0	2.0	1.9	1.9	2.0
179.5°	1.8	1.9	1.9	1.8	1.9



(END OF REPORT)