

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-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-80-L940-CFD2  
Description: 8000 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

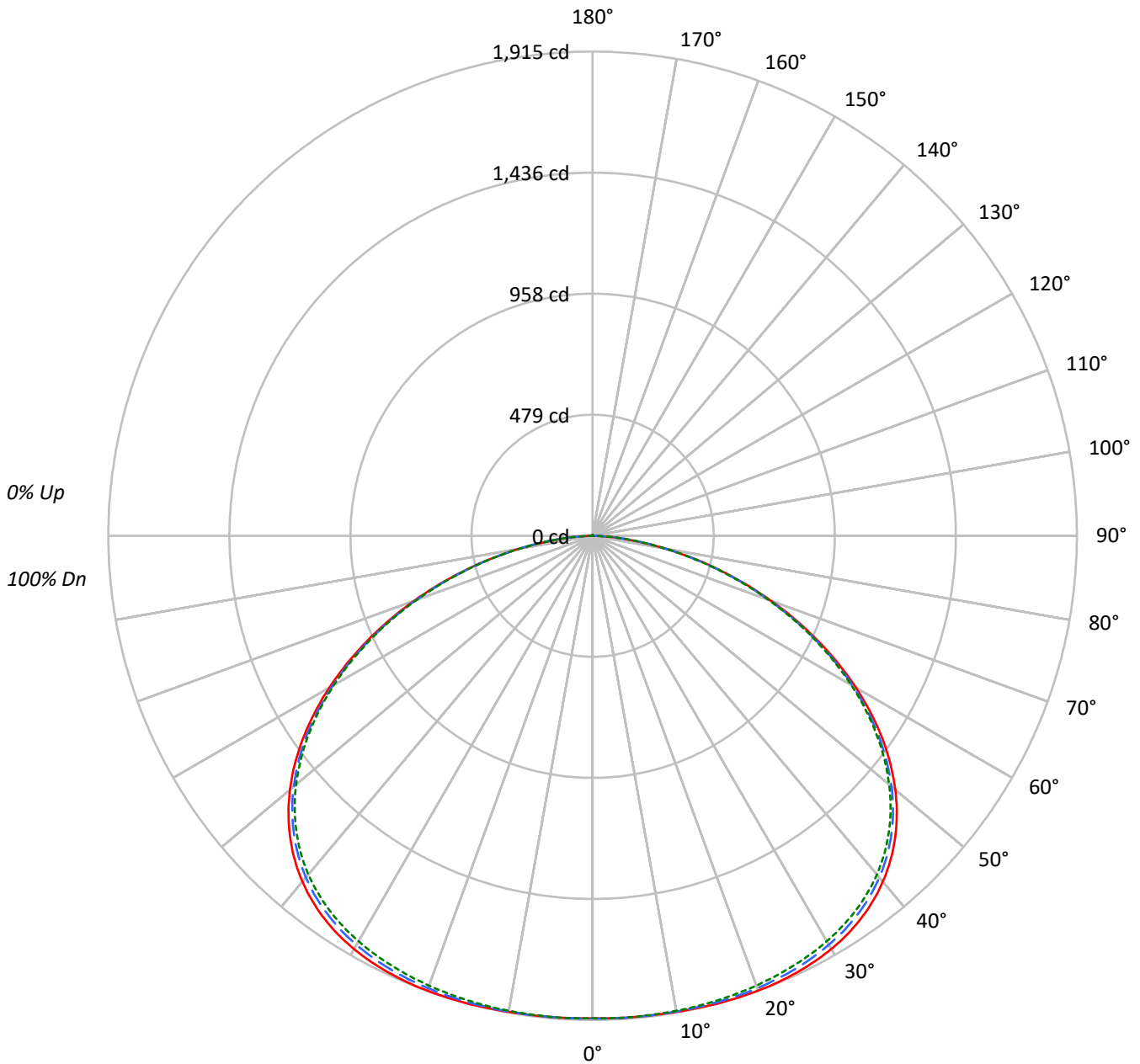
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6911.0 lumens  
Efficiency: N/A  
Efficacy: 109.0 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): 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





TEST NUMBER: P#

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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°	1363	1363	1363
5°	1364	1362	1364
10°	1376	1370	1373
15°	1399	1389	1390
20°	1432	1415	1416
25°	1473	1449	1449
30°	1518	1488	1489
35°	1564	1528	1533
40°	1606	1564	1573
45°	1637	1590	1603
50°	1651	1598	1617
55°	1640	1582	1608
60°	1599	1535	1570
65°	1521	1454	1497
70°	1401	1328	1379
75°	1223	1149	1210
80°	971	901	963
85°	603	544	617



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	182.4	2.6
10°-20°	541.0	7.8
20°-30°	874.5	12.7
30°-40°	1145.4	16.6
40°-50°	1288.4	18.6
50°-60°	1232.8	17.8
60°-70°	961.5	13.9
70°-80°	541.9	7.8
80°-90°	134.1	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°	1.7	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°	1597.8	23.1
0°-40°	2743.2	39.7
0°-60°	5264.4	76.2
0°-90°	6901.9	99.9
90°-120°	2.7	0.0
90°-150°	7.7	0.1
90°-180°	9.0	0.1
0°-180°	6911.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1909	1909	1909	1909	1909	
5°	1910	1911	1910	1910	1910	182
15°	1915	1914	1910	1905	1903	543
25°	1907	1904	1892	1881	1877	881
35°	1849	1843	1828	1816	1811	1158
45°	1691	1684	1670	1662	1656	1303
55°	1398	1391	1381	1375	1371	1246
65°	984	980	972	970	968	971
75°	514	514	511	510	509	545
85°	110	111	112	113	112	127
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	2	2	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	0
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°	1908.6	1908.6	1908.6	1908.6	1908.6
0.5°	1908.2	1909.5	1910.0	1909.5	1908.6
1°	1908.6	1909.5	1910.0	1910.0	1909.1
1.5°	1909.1	1910.0	1910.0	1910.0	1909.5
2°	1909.1	1910.0	1910.0	1910.5	1909.5
2.5°	1909.5	1910.5	1910.5	1910.5	1909.5
3°	1910.0	1910.5	1910.5	1910.5	1910.0
3.5°	1910.0	1910.5	1910.5	1910.5	1910.0
4°	1910.5	1910.5	1910.5	1910.5	1910.0
4.5°	1910.5	1910.9	1910.5	1910.5	1910.0
5°	1910.5	1910.9	1910.5	1910.5	1910.0
5.5°	1910.5	1910.9	1910.5	1910.5	1910.0
6°	1910.9	1910.9	1910.5	1910.5	1909.5
6.5°	1910.9	1911.4	1910.9	1910.5	1909.5
7°	1910.9	1911.4	1910.5	1910.5	1909.5
7.5°	1910.9	1911.4	1910.5	1910.0	1909.1
8°	1911.4	1911.4	1910.9	1910.0	1909.1
8.5°	1911.4	1911.9	1910.5	1910.0	1908.6
9°	1911.9	1911.9	1910.9	1909.5	1908.6
9.5°	1911.9	1912.3	1910.5	1909.5	1908.2
10°	1912.3	1912.3	1910.5	1909.1	1907.7
10.5°	1912.8	1912.8	1910.5	1909.1	1907.7
11°	1912.8	1912.8	1910.5	1908.6	1907.2
11.5°	1913.3	1913.3	1910.5	1908.2	1906.8
12°	1913.3	1913.3	1910.5	1908.2	1906.3
12.5°	1913.7	1913.3	1910.0	1907.7	1905.8
13°	1913.7	1913.3	1910.0	1907.2	1905.4
13.5°	1914.2	1913.7	1910.0	1906.8	1904.9
14°	1914.2	1913.7	1910.0	1906.3	1904.0
14.5°	1914.7	1913.7	1909.5	1905.8	1903.5
15°	1914.7	1914.2	1909.5	1905.4	1903.0
15.5°	1915.1	1914.2	1909.1	1904.4	1902.1
16°	1914.7	1914.2	1908.6	1904.0	1901.2
16.5°	1915.1	1914.2	1908.6	1903.0	1900.2
17°	1915.1	1913.7	1908.2	1902.1	1899.8
17.5°	1915.1	1913.7	1907.2	1901.6	1898.8
18°	1915.1	1913.7	1906.8	1900.7	1897.4
18.5°	1915.1	1913.3	1906.3	1899.8	1896.5
19°	1914.7	1913.3	1905.8	1898.8	1895.6
19.5°	1914.7	1912.8	1904.9	1897.4	1894.2
20°	1914.2	1912.3	1904.0	1896.5	1893.3
20.5°	1913.7	1911.9	1903.5	1895.6	1891.9
21°	1913.7	1911.4	1902.6	1894.2	1890.5



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	1911.9	1909.1	1899.3	1890.0	1885.8
23°	1910.9	1908.2	1897.9	1888.6	1884.4
23.5°	1910.0	1907.2	1896.5	1886.7	1882.5
24°	1909.1	1906.3	1895.1	1884.9	1880.7
24.5°	1908.2	1904.9	1893.7	1883.0	1878.8
25°	1906.8	1903.5	1891.9	1881.2	1877.0
25.5°	1905.4	1902.1	1890.0	1879.3	1874.6
26°	1904.0	1900.7	1888.1	1877.4	1872.8
26.5°	1902.6	1898.8	1886.3	1875.1	1870.4
27°	1900.7	1897.0	1883.9	1872.8	1868.1
27.5°	1898.8	1895.1	1881.6	1870.4	1865.8
28°	1897.0	1892.8	1879.3	1868.1	1863.5
28.5°	1894.7	1890.5	1877.0	1865.3	1860.7
29°	1892.3	1888.1	1874.2	1862.5	1857.9
29.5°	1890.0	1885.3	1871.4	1859.7	1854.6
30°	1887.2	1882.5	1868.1	1856.5	1851.4
30.5°	1884.4	1879.8	1864.9	1853.2	1848.6
31°	1881.2	1876.5	1861.6	1850.0	1844.8
31.5°	1878.4	1873.2	1857.9	1846.7	1841.6
32°	1874.6	1869.5	1854.6	1843.0	1837.9
32.5°	1870.9	1865.8	1850.4	1838.8	1833.7
33°	1867.2	1861.6	1846.2	1835.1	1829.5
33.5°	1863.0	1857.4	1842.0	1830.9	1825.3
34°	1858.3	1852.8	1837.4	1826.2	1821.1
34.5°	1853.7	1848.1	1832.7	1821.6	1816.4
35°	1849.0	1843.0	1827.6	1816.4	1811.3
35.5°	1843.9	1837.9	1822.5	1811.3	1806.2
36°	1838.8	1832.3	1816.9	1806.2	1800.6
36.5°	1832.7	1826.7	1811.3	1800.6	1795.5
37°	1826.7	1820.6	1805.3	1794.6	1789.4
37.5°	1820.6	1814.1	1799.2	1788.5	1782.9
38°	1814.1	1808.1	1792.7	1782.5	1776.9
38.5°	1807.6	1801.1	1785.7	1775.5	1770.4
39°	1800.6	1793.6	1778.7	1769.0	1763.4
39.5°	1793.2	1786.2	1771.8	1761.5	1756.4
40°	1785.3	1778.7	1763.8	1754.1	1748.9
40.5°	1777.8	1770.8	1755.9	1746.6	1741.0
41°	1769.4	1762.4	1748.0	1738.2	1732.7
41.5°	1760.6	1753.6	1739.2	1729.9	1724.3
42°	1751.7	1744.8	1730.3	1721.5	1715.4
42.5°	1742.4	1735.4	1721.0	1712.2	1706.6
43°	1733.1	1725.7	1711.7	1702.9	1697.3
43.5°	1723.3	1715.9	1701.9	1693.1	1687.5



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	1691.2	1683.8	1670.3	1662.4	1656.3
45.5°	1680.0	1672.1	1659.1	1651.2	1645.6
46°	1668.4	1660.5	1647.5	1639.5	1634.0
46.5°	1656.3	1648.4	1635.8	1627.9	1622.3
47°	1643.7	1636.3	1623.3	1616.3	1610.2
47.5°	1631.2	1623.3	1610.7	1603.7	1597.7
48°	1618.6	1610.2	1598.1	1590.7	1584.6
48.5°	1605.1	1597.2	1585.1	1578.1	1572.5
49°	1590.7	1583.2	1571.1	1563.7	1558.5
49.5°	1576.7	1569.3	1557.2	1550.2	1544.6
50°	1562.3	1554.4	1543.2	1536.2	1530.6
50.5°	1547.4	1539.5	1528.3	1521.3	1516.2
51°	1532.5	1524.6	1513.4	1506.4	1500.8
51.5°	1516.7	1508.7	1497.6	1491.0	1485.9
52°	1500.8	1492.9	1481.7	1475.7	1470.6
52.5°	1485.0	1477.1	1465.9	1459.4	1454.7
53°	1467.8	1460.3	1450.1	1444.0	1438.9
53.5°	1450.5	1443.1	1432.9	1426.8	1422.2
54°	1433.3	1425.9	1415.6	1409.6	1405.4
54.5°	1416.6	1408.7	1398.9	1392.8	1388.6
55°	1398.4	1391.0	1381.2	1375.1	1370.9
55.5°	1380.3	1372.8	1363.0	1357.0	1353.3
56°	1361.2	1354.2	1344.4	1339.3	1335.6
56.5°	1342.1	1335.6	1325.8	1320.7	1316.9
57°	1323.5	1316.5	1307.2	1302.5	1298.8
57.5°	1304.8	1297.4	1288.1	1283.4	1279.7
58°	1284.4	1277.4	1268.5	1263.9	1260.6
58.5°	1264.3	1257.8	1248.5	1244.3	1241.1
59°	1244.3	1237.8	1229.0	1224.8	1221.5
59.5°	1223.4	1217.3	1208.5	1204.3	1201.0
60°	1202.9	1196.4	1188.0	1184.3	1181.0
60.5°	1181.9	1176.4	1167.5	1163.8	1160.5
61°	1160.5	1154.9	1146.6	1142.8	1139.6
61.5°	1138.7	1134.0	1125.6	1121.9	1119.1
62°	1117.2	1112.6	1104.2	1100.9	1098.2
62.5°	1095.4	1090.7	1082.3	1079.1	1076.3
63°	1073.5	1068.8	1060.9	1057.7	1054.9
63.5°	1051.1	1046.5	1039.0	1035.8	1033.0
64°	1028.8	1024.1	1016.2	1013.9	1010.6
64.5°	1006.4	1001.8	993.9	991.6	988.8
65°	983.6	979.9	972.5	969.7	967.8
65.5°	961.3	956.6	949.7	947.3	944.5
66°	937.6	933.8	926.8	924.5	922.7





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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	868.7	864.5	858.4	856.1	853.8
68°	844.9	841.2	835.1	833.3	830.9
68.5°	821.2	817.4	811.4	810.0	808.6
69°	797.4	793.7	788.6	787.2	785.3
69.5°	774.2	770.4	765.8	764.4	762.1
70°	750.4	747.2	742.5	741.1	738.8
70.5°	726.7	723.4	719.2	717.8	715.5
71°	702.9	700.1	696.4	694.6	692.2
71.5°	679.7	676.9	672.7	671.3	669.4
72°	655.9	653.6	649.4	648.5	646.1
72.5°	632.2	630.3	626.1	625.2	623.3
73°	608.4	606.6	602.4	601.4	600.1
73.5°	585.2	583.3	579.6	578.2	576.8
74°	561.9	560.5	556.8	555.8	554.0
74.5°	538.1	537.2	533.9	532.6	531.2
75°	514.4	514.4	511.1	510.2	508.8
75.5°	491.6	491.6	488.3	487.4	486.0
76°	468.8	468.8	465.5	464.6	462.8
76.5°	445.7	445.9	443.2	442.2	440.7
77°	423.7	423.9	421.4	420.1	418.6
77.5°	400.1	401.2	399.1	398.0	396.5
78°	378.0	379.4	377.3	376.5	375.2
78.5°	357.3	358.2	356.8	355.7	353.9
79°	335.5	336.2	335.4	334.4	332.7
79.5°	314.1	315.3	314.7	313.9	311.8
80°	293.6	294.4	294.6	293.3	291.4
80.5°	272.0	273.7	274.0	272.7	271.8
81°	252.0	253.7	254.1	253.4	252.1
81.5°	232.4	234.3	234.7	234.3	232.6
82°	212.7	215.0	215.7	215.4	213.5
82.5°	193.9	196.5	197.2	197.0	195.2
83°	175.6	178.5	179.2	179.4	177.8
83.5°	158.0	160.7	161.6	161.9	160.1
84°	141.1	143.5	144.6	145.1	143.6
84.5°	124.9	126.9	128.2	128.9	128.2
85°	109.8	111.2	112.4	113.3	112.3
85.5°	95.1	96.2	97.1	98.4	97.6
86°	81.4	82.5	83.1	84.2	84.2
86.5°	68.3	68.8	69.4	70.6	70.6
87°	55.9	55.9	56.1	57.6	57.7
87.5°	43.1	43.5	43.7	45.0	45.5
88°	30.4	31.5	31.7	33.0	32.9
88.5°	21.5	21.5	21.5	22.7	23.0



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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°	0.7	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	0.7	0.7	0.7	0.7
105°	0.8	0.7	0.7	0.8	0.8
105.5°	0.8	0.7	0.7	0.7	0.7
106°	0.7	0.7	0.8	0.8	0.8
106.5°	0.8	0.7	0.8	0.7	0.7
107°	0.8	0.8	0.8	0.8	0.7
107.5°	0.9	0.8	0.8	0.9	0.8
108°	0.9	0.8	0.7	0.9	0.8
108.5°	0.9	0.9	0.9	0.8	0.8
109°	0.9	0.9	0.9	0.9	0.9
109.5°	1.0	0.8	1.0	0.9	0.8
110°	0.9	0.9	0.9	1.0	0.9
110.5°	1.0	0.9	1.0	1.0	1.0
111°	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-80-L940-CFD2

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-80-L940-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	2.4	2.3	2.2	2.1	2.3
135.5°	2.3	2.3	2.2	2.1	2.2
136°	2.2	2.2	2.1	2.0	2.2
136.5°	2.3	2.2	2.1	2.0	2.2
137°	2.2	2.1	2.1	2.0	2.1
137.5°	2.2	2.1	2.0	1.9	2.0
138°	2.1	2.0	2.0	1.9	2.0
138.5°	2.2	2.0	2.0	1.9	2.0
139°	1.9	2.0	2.0	1.8	2.0
139.5°	2.0	1.9	1.9	1.8	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	1.8	1.7	1.8
141.5°	1.8	1.9	1.9	1.7	1.8
142°	1.7	1.7	1.8	1.7	1.6
142.5°	1.7	1.8	1.8	1.7	1.6
143°	1.8	1.8	1.8	1.7	1.6
143.5°	1.8	1.8	1.8	1.6	1.6
144°	1.8	1.7	1.8	1.6	1.7
144.5°	1.7	1.7	1.7	1.6	1.7
145°	1.8	1.7	1.7	1.5	1.7
145.5°	1.7	1.6	1.7	1.5	1.8
146°	1.7	1.6	1.6	1.5	1.7
146.5°	1.8	1.6	1.6	1.5	1.7
147°	1.7	1.6	1.5	1.6	1.6
147.5°	1.7	1.6	1.5	1.6	1.7
148°	1.7	1.6	1.6	1.5	1.7
148.5°	1.8	1.7	1.6	1.5	1.7
149°	1.7	1.6	1.6	1.5	1.7
149.5°	1.8	1.6	1.6	1.5	1.8
150°	1.8	1.7	1.6	1.5	1.7
150.5°	1.7	1.6	1.6	1.6	1.7
151°	1.8	1.6	1.5	1.6	1.8
151.5°	1.8	1.7	1.5	1.6	1.8
152°	1.8	1.7	1.6	1.7	1.7
152.5°	1.8	1.7	1.6	1.6	1.8
153°	1.8	1.7	1.6	1.7	1.9
153.5°	1.9	1.7	1.6	1.7	1.8
154°	1.8	1.7	1.7	1.7	1.8
154.5°	1.8	1.7	1.7	1.8	1.9
155°	1.7	1.7	1.7	1.8	1.9
155.5°	1.8	1.7	1.7	1.7	1.9
156°	1.7	1.7	1.7	1.7	1.9



TEST NUMBER: P#

CATALOG NUMBER: 44ID-80-L940-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
157.5°	1.7	1.6	1.7	1.8	1.8
158°	1.9	1.7	1.7	1.7	1.9
158.5°	1.8	1.7	1.6	1.7	1.8
159°	1.8	1.7	1.7	1.7	1.9
159.5°	1.8	1.7	1.7	1.7	2.0
160°	1.8	1.7	1.6	1.7	1.9
160.5°	1.7	1.7	1.7	1.8	1.9
161°	1.7	1.7	1.7	1.8	1.9
161.5°	1.8	1.7	1.7	1.7	1.8
162°	1.7	1.7	1.7	1.8	1.8
162.5°	1.8	1.8	1.7	1.7	1.8
163°	1.8	1.7	1.8	1.8	1.8
163.5°	1.8	1.7	1.8	1.8	1.9
164°	1.7	1.8	1.7	1.9	1.9
164.5°	1.7	1.8	1.8	1.9	1.9
165°	1.7	1.7	1.7	1.8	1.9
165.5°	1.6	1.7	1.7	2.0	1.9
166°	1.8	1.8	1.7	1.9	1.8
166.5°	1.8	1.7	1.7	1.9	1.7
167°	1.7	1.9	1.7	2.0	1.9
167.5°	1.8	1.9	1.8	2.0	1.9
168°	1.8	1.8	1.7	2.0	1.9
168.5°	1.8	1.9	1.8	2.1	1.9
169°	1.9	1.9	1.7	2.1	1.9
169.5°	1.9	1.9	1.8	2.0	2.0
170°	1.9	1.9	1.8	2.1	1.9
170.5°	1.9	2.0	1.8	2.1	2.0
171°	1.9	1.9	1.9	2.1	2.0
171.5°	1.9	1.9	1.9	2.1	2.0
172°	1.9	1.9	2.0	2.1	2.0
172.5°	2.0	2.0	2.0	2.1	2.0
173°	1.9	1.9	2.0	2.1	2.0
173.5°	2.0	2.0	2.0	2.1	2.1
174°	2.0	2.0	2.2	2.1	2.0
174.5°	2.0	2.1	2.1	2.2	2.1
175°	2.2	2.1	2.2	2.2	2.1
175.5°	2.2	2.1	2.3	2.2	2.2
176°	2.3	2.2	2.2	2.1	2.1
176.5°	2.3	2.2	2.2	2.0	2.1
177°	2.2	2.2	2.1	2.0	2.1
177.5°	2.3	2.2	2.0	2.0	2.2
178°	2.1	2.1	2.0	2.0	2.0
178.5°	2.1	2.0	2.0	2.0	2.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-80-L940-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	1.8	1.8	1.8	1.8	1.8



Report Generated By 670246072 / DESKTOP-MV3F9LC







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







21.5°	1913.3	1910.9	1901.6	1892.8	1889.1
22°	1912.3	1910.0	1900.2	1891.4	1887.7



44°	1712.6	1705.7	1691.7	1683.3	1677.7
44.5°	1701.9	1694.5	1681.4	1672.6	1667.0



66.5°	914.7	911.0	904.0	901.7	899.4
67°	891.9	887.7	881.2	878.9	877.0



89°	13.6	13.4	13.2	13.9	14.1
89.5°	6.0	6.1	6.0	6.4	6.3



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	2.3	2.3	2.2	2.4
134.5°	2.4	2.3	2.3	2.1	2.2



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



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



(END OF REPORT)