

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-L830-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-L830-CFD2  
Description: 8000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS  
AND 3000K CCT, 80CRI LEDS  
Light Source: -  
Ballast/Driver:  
Luminaire Equipment: Sample No.   Condition   Description

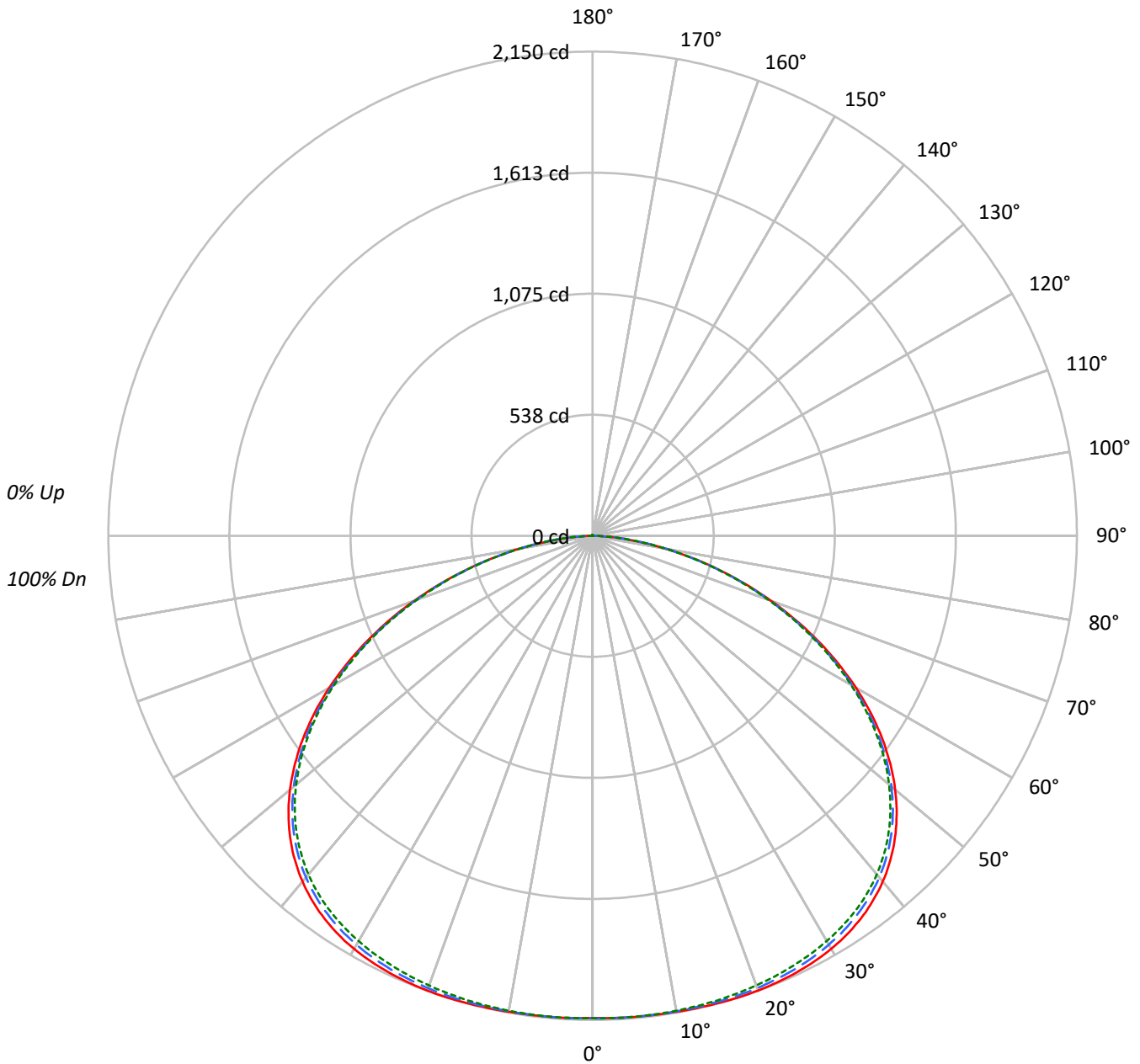
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7757.0 lumens  
Efficiency: N/A  
Efficacy: 122.3 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





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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°	1529	1529	1529
5°	1531	1529	1531
10°	1544	1538	1541
15°	1570	1559	1561
20°	1607	1588	1590
25°	1653	1627	1627
30°	1704	1670	1672
35°	1756	1715	1720
40°	1802	1756	1766
45°	1838	1784	1800
50°	1853	1794	1815
55°	1841	1776	1805
60°	1794	1723	1762
65°	1708	1631	1680
70°	1573	1491	1548
75°	1373	1290	1358
80°	1089	1011	1082
85°	677	610	692



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	204.7	2.6
10°-20°	607.2	7.8
20°-30°	981.5	12.7
30°-40°	1285.6	16.6
40°-50°	1446.1	18.6
50°-60°	1383.7	17.8
60°-70°	1079.2	13.9
70°-80°	608.2	7.8
80°-90°	150.5	1.9
90°-100°	0.5	0.0
100°-110°	0.9	0.0
110°-120°	1.6	0.0
120°-130°	2.5	0.0
130°-140°	2.0	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°	1793.4	23.1
0°-40°	3079.0	39.7
0°-60°	5908.8	76.2
0°-90°	7746.7	99.9
90°-120°	3.0	0.0
90°-150°	8.6	0.1
90°-180°	10.0	0.1
0°-180°	7757.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2142	2142	2142	2142	2142	
5°	2144	2145	2144	2144	2144	205
15°	2149	2148	2143	2139	2136	609
25°	2140	2136	2123	2111	2107	989
35°	2075	2069	2051	2039	2033	1299
45°	1898	1890	1875	1866	1859	1462
55°	1570	1561	1550	1544	1539	1399
65°	1104	1100	1092	1088	1086	1090
75°	577	577	574	573	571	612
85°	123	125	126	127	126	143
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	3
135°	3	3	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°	2142.3	2142.3	2142.3	2142.3	2142.3
0.5°	2141.7	2143.3	2143.8	2143.3	2142.3
1°	2142.3	2143.3	2143.8	2143.8	2142.8
1.5°	2142.8	2143.8	2143.8	2143.8	2143.3
2°	2142.8	2143.8	2143.8	2144.3	2143.3
2.5°	2143.3	2144.3	2144.3	2144.3	2143.3
3°	2143.8	2144.3	2144.3	2144.3	2143.8
3.5°	2143.8	2144.3	2144.3	2144.3	2143.8
4°	2144.3	2144.3	2144.3	2144.3	2143.8
4.5°	2144.3	2144.9	2144.3	2144.3	2143.8
5°	2144.3	2144.9	2144.3	2144.3	2143.8
5.5°	2144.3	2144.9	2144.3	2144.3	2143.8
6°	2144.9	2144.9	2144.3	2144.3	2143.3
6.5°	2144.9	2145.4	2144.9	2144.3	2143.3
7°	2144.9	2145.4	2144.3	2144.3	2143.3
7.5°	2144.9	2145.4	2144.3	2143.8	2142.8
8°	2145.4	2145.4	2144.9	2143.8	2142.8
8.5°	2145.4	2145.9	2144.3	2143.8	2142.3
9°	2145.9	2145.9	2144.9	2143.3	2142.3
9.5°	2145.9	2146.4	2144.3	2143.3	2141.7
10°	2146.4	2146.4	2144.3	2142.8	2141.2
10.5°	2147.0	2147.0	2144.3	2142.8	2141.2
11°	2147.0	2147.0	2144.3	2142.3	2140.7
11.5°	2147.5	2147.5	2144.3	2141.7	2140.2
12°	2147.5	2147.5	2144.3	2141.7	2139.6
12.5°	2148.0	2147.5	2143.8	2141.2	2139.1
13°	2148.0	2147.5	2143.8	2140.7	2138.6
13.5°	2148.5	2148.0	2143.8	2140.2	2138.1
14°	2148.5	2148.0	2143.8	2139.6	2137.0
14.5°	2149.1	2148.0	2143.3	2139.1	2136.5
15°	2149.1	2148.5	2143.3	2138.6	2136.0
15.5°	2149.6	2148.5	2142.8	2137.6	2134.9
16°	2149.1	2148.5	2142.3	2137.0	2133.9
16.5°	2149.6	2148.5	2142.3	2136.0	2132.9
17°	2149.6	2148.0	2141.7	2134.9	2132.3
17.5°	2149.6	2148.0	2140.7	2134.4	2131.3
18°	2149.6	2148.0	2140.2	2133.4	2129.7
18.5°	2149.6	2147.5	2139.6	2132.3	2128.7
19°	2149.1	2147.5	2139.1	2131.3	2127.6
19.5°	2149.1	2147.0	2138.1	2129.7	2126.1
20°	2148.5	2146.4	2137.0	2128.7	2125.0
20.5°	2148.0	2145.9	2136.5	2127.6	2123.4
21°	2148.0	2145.4	2135.5	2126.1	2121.9



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	2145.9	2142.8	2131.8	2121.4	2116.7
23°	2144.9	2141.7	2130.2	2119.8	2115.1
23.5°	2143.8	2140.7	2128.7	2117.7	2113.0
24°	2142.8	2139.6	2127.1	2115.6	2110.9
24.5°	2141.7	2138.1	2125.5	2113.5	2108.8
25°	2140.2	2136.5	2123.4	2111.4	2106.7
25.5°	2138.6	2134.9	2121.4	2109.3	2104.1
26°	2137.0	2133.4	2119.3	2107.3	2102.0
26.5°	2135.5	2131.3	2117.2	2104.6	2099.4
27°	2133.4	2129.2	2114.6	2102.0	2096.8
27.5°	2131.3	2127.1	2112.0	2099.4	2094.2
28°	2129.2	2124.5	2109.3	2096.8	2091.6
28.5°	2126.6	2121.9	2106.7	2093.7	2088.4
29°	2124.0	2119.3	2103.6	2090.5	2085.3
29.5°	2121.4	2116.1	2100.5	2087.4	2081.6
30°	2118.2	2113.0	2096.8	2083.7	2078.0
30.5°	2115.1	2109.9	2093.1	2080.1	2074.9
31°	2111.4	2106.2	2089.5	2076.4	2070.7
31.5°	2108.3	2102.5	2085.3	2072.8	2067.0
32°	2104.1	2098.4	2081.6	2068.6	2062.8
32.5°	2099.9	2094.2	2076.9	2063.9	2058.1
33°	2095.8	2089.5	2072.2	2059.7	2053.4
33.5°	2091.1	2084.8	2067.5	2055.0	2048.7
34°	2085.8	2079.6	2062.3	2049.8	2044.0
34.5°	2080.6	2074.3	2057.1	2044.6	2038.8
35°	2075.4	2068.6	2051.3	2038.8	2033.1
35.5°	2069.6	2062.8	2045.6	2033.1	2027.3
36°	2063.9	2056.6	2039.3	2027.3	2021.0
36.5°	2057.1	2050.3	2033.1	2021.0	2015.3
37°	2050.3	2043.5	2026.3	2014.2	2008.5
37.5°	2043.5	2036.2	2019.5	2007.5	2001.2
38°	2036.2	2029.4	2012.2	2000.7	1994.4
38.5°	2028.9	2021.6	2004.3	1992.8	1987.1
39°	2021.0	2013.2	1996.5	1985.5	1979.2
39.5°	2012.7	2004.8	1988.6	1977.1	1971.4
40°	2003.8	1996.5	1979.8	1968.8	1963.0
40.5°	1995.4	1987.6	1970.9	1960.4	1954.2
41°	1986.0	1978.2	1962.0	1951.0	1944.8
41.5°	1976.1	1968.3	1952.1	1941.6	1935.3
42°	1966.2	1958.3	1942.1	1932.2	1925.4
42.5°	1955.7	1947.9	1931.7	1921.8	1915.5
43°	1945.3	1936.9	1921.2	1911.3	1905.0
43.5°	1934.3	1925.9	1910.3	1900.3	1894.1



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	1898.2	1889.9	1874.7	1865.9	1859.1
45.5°	1885.7	1876.8	1862.2	1853.3	1847.0
46°	1872.6	1863.8	1849.1	1840.3	1834.0
46.5°	1859.1	1850.2	1836.1	1827.2	1820.9
47°	1845.0	1836.6	1822.0	1814.1	1807.3
47.5°	1830.8	1822.0	1807.9	1800.0	1793.2
48°	1816.7	1807.3	1793.7	1785.4	1778.6
48.5°	1801.6	1792.7	1779.1	1771.3	1765.0
49°	1785.4	1777.0	1763.4	1755.1	1749.3
49.5°	1769.7	1761.4	1747.8	1739.9	1733.7
50°	1753.5	1744.6	1732.1	1724.3	1718.0
50.5°	1736.8	1727.9	1715.4	1707.5	1701.8
51°	1720.1	1711.2	1698.7	1690.8	1684.5
51.5°	1702.3	1693.4	1680.9	1673.6	1667.8
52°	1684.5	1675.7	1663.1	1656.3	1650.6
52.5°	1666.8	1657.9	1645.4	1638.0	1632.8
53°	1647.4	1639.1	1627.6	1620.8	1615.1
53.5°	1628.1	1619.8	1608.3	1601.5	1596.2
54°	1608.8	1600.4	1588.9	1582.1	1577.4
54.5°	1590.0	1581.1	1570.1	1563.3	1558.6
55°	1569.6	1561.2	1550.3	1543.5	1538.8
55.5°	1549.2	1540.9	1529.9	1523.1	1518.9
56°	1527.8	1520.0	1509.0	1503.2	1499.1
56.5°	1506.4	1499.1	1488.1	1482.3	1478.2
57°	1485.5	1477.6	1467.2	1462.0	1457.8
57.5°	1464.6	1456.2	1445.8	1440.5	1436.4
58°	1441.6	1433.7	1423.8	1418.6	1414.9
58.5°	1419.1	1411.8	1401.4	1396.6	1393.0
59°	1396.6	1389.3	1379.4	1374.7	1371.0
59.5°	1373.1	1366.3	1356.4	1351.7	1348.1
60°	1350.1	1342.8	1333.4	1329.2	1325.6
60.5°	1326.6	1320.4	1310.4	1306.3	1302.6
61°	1302.6	1296.3	1286.9	1282.7	1279.1
61.5°	1278.0	1272.8	1263.4	1259.2	1256.1
62°	1254.0	1248.8	1239.4	1235.7	1232.6
62.5°	1229.4	1224.2	1214.8	1211.2	1208.0
63°	1204.9	1199.7	1190.8	1187.1	1184.0
63.5°	1179.8	1174.6	1166.2	1162.6	1159.4
64°	1154.7	1149.5	1140.6	1138.0	1134.4
64.5°	1129.6	1124.4	1115.5	1112.9	1109.8
65°	1104.0	1099.9	1091.5	1088.4	1086.3
65.5°	1079.0	1073.7	1065.9	1063.3	1060.2
66°	1052.3	1048.1	1040.3	1037.7	1035.6





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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	975.0	970.3	963.5	960.9	958.3
68°	948.3	944.2	937.4	935.3	932.7
68.5°	921.7	917.5	910.7	909.2	907.6
69°	895.0	890.9	885.1	883.6	881.5
69.5°	868.9	864.7	859.5	857.9	855.3
70°	842.3	838.6	833.4	831.8	829.2
70.5°	815.6	812.0	807.3	805.7	803.1
71°	789.0	785.8	781.7	779.6	777.0
71.5°	762.9	759.7	755.0	753.4	751.4
72°	736.2	733.6	728.9	727.8	725.2
72.5°	709.6	707.5	702.8	701.7	699.6
73°	682.9	680.8	676.1	675.1	673.5
73.5°	656.8	654.7	650.5	648.9	647.4
74°	630.7	629.1	624.9	623.9	621.8
74.5°	604.0	603.0	599.3	597.7	596.2
75°	577.4	577.4	573.7	572.7	571.1
75.5°	551.8	551.8	548.1	547.1	545.5
76°	526.2	526.2	522.5	521.5	519.4
76.5°	500.3	500.5	497.4	496.3	494.6
77°	475.5	475.7	473.0	471.6	469.8
77.5°	449.0	450.3	448.0	446.7	445.0
78°	424.3	425.9	423.5	422.5	421.1
78.5°	401.0	402.0	400.5	399.3	397.3
79°	376.6	377.4	376.4	375.4	373.4
79.5°	352.6	353.9	353.2	352.3	350.0
80°	329.5	330.5	330.6	329.2	327.1
80.5°	305.3	307.2	307.5	306.1	305.0
81°	282.9	284.7	285.2	284.4	282.9
81.5°	260.8	263.0	263.4	263.0	261.1
82°	238.7	241.3	242.1	241.8	239.7
82.5°	217.6	220.5	221.4	221.1	219.1
83°	197.1	200.3	201.1	201.4	199.6
83.5°	177.3	180.4	181.4	181.7	179.7
84°	158.3	161.0	162.3	162.8	161.2
84.5°	140.2	142.4	143.9	144.6	143.8
85°	123.2	124.8	126.2	127.1	126.0
85.5°	106.7	107.9	109.0	110.5	109.6
86°	91.3	92.6	93.3	94.5	94.5
86.5°	76.7	77.3	77.9	79.2	79.2
87°	62.7	62.8	63.0	64.7	64.7
87.5°	48.4	48.8	49.0	50.5	51.0
88°	34.1	35.3	35.6	37.0	36.9
88.5°	24.1	24.1	24.1	25.5	25.8



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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-L830-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	1.3	1.3	1.4	1.3	1.2
113°	1.4	1.3	1.3	1.3	1.3
113.5°	1.4	1.4	1.4	1.5	1.5
114°	1.5	1.5	1.5	1.5	1.5
114.5°	1.6	1.6	1.5	1.5	1.4
115°	1.6	1.6	1.5	1.6	1.5
115.5°	1.7	1.6	1.7	1.6	1.5
116°	1.7	1.7	1.7	1.7	1.6
116.5°	1.8	1.8	1.8	1.8	1.7
117°	1.9	1.9	1.9	1.9	1.7
117.5°	2.0	1.9	1.9	1.9	1.8
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°	2.4	2.2	2.4	2.3	2.2
121°	2.4	2.4	2.4	2.4	2.2
121.5°	2.6	2.5	2.5	2.4	2.4
122°	2.5	2.6	2.5	2.5	2.5
122.5°	2.7	2.6	2.6	2.6	2.5
123°	2.7	2.7	2.6	2.6	2.6
123.5°	2.7	2.8	2.7	2.6	2.7
124°	2.8	2.8	2.8	2.7	2.7
124.5°	2.9	2.8	2.8	2.7	2.7
125°	3.0	2.9	2.9	2.8	2.8
125.5°	3.0	3.0	2.9	2.8	2.9
126°	3.0	2.9	2.9	2.9	2.8
126.5°	2.9	3.0	3.0	2.9	2.9
127°	3.0	3.0	2.9	2.9	2.8
127.5°	3.1	3.1	3.0	2.9	2.8
128°	3.1	3.0	3.0	2.9	2.9
128.5°	3.0	3.0	2.9	2.8	2.9
129°	3.0	3.0	2.9	2.9	2.8
129.5°	2.9	3.0	2.9	2.9	2.9
130°	2.9	3.0	2.9	2.8	2.8
130.5°	3.0	2.9	2.9	2.7	2.8
131°	2.9	2.9	2.9	2.7	2.8
131.5°	2.9	2.8	2.7	2.7	2.7
132°	2.9	2.8	2.8	2.7	2.7
132.5°	2.9	2.8	2.7	2.7	2.7
133°	2.8	2.7	2.7	2.5	2.6
133.5°	2.8	2.7	2.6	2.5	2.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-80-L830-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	2.7	2.6	2.5	2.4	2.6
135.5°	2.6	2.6	2.5	2.4	2.5
136°	2.5	2.5	2.4	2.2	2.5
136.5°	2.6	2.5	2.4	2.2	2.5
137°	2.5	2.4	2.4	2.2	2.4
137.5°	2.5	2.4	2.3	2.1	2.3
138°	2.4	2.3	2.2	2.1	2.3
138.5°	2.5	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	1.8	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	1.8	1.7	1.9
146.5°	2.0	1.8	1.8	1.7	1.9
147°	1.9	1.8	1.7	1.8	1.8
147.5°	1.9	1.8	1.7	1.8	1.9
148°	1.9	1.8	1.8	1.7	1.9
148.5°	2.0	1.9	1.8	1.7	1.9
149°	1.9	1.8	1.8	1.7	1.9
149.5°	2.0	1.8	1.8	1.7	2.0
150°	2.0	1.9	1.8	1.7	1.9
150.5°	1.9	1.8	1.8	1.8	1.9
151°	2.0	1.8	1.7	1.8	2.0
151.5°	2.0	1.9	1.7	1.8	2.0
152°	2.0	1.9	1.8	1.9	1.9
152.5°	2.0	1.9	1.8	1.8	2.0
153°	2.0	1.9	1.8	1.9	2.1
153.5°	2.1	1.9	1.8	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-L830-CFD2

**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	2.4	2.1
169°	2.1	2.1	1.9	2.4	2.1
169.5°	2.1	2.1	2.0	2.3	2.2
170°	2.1	2.1	2.0	2.4	2.1
170.5°	2.1	2.2	2.0	2.4	2.2
171°	2.1	2.1	2.1	2.4	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	2.4	2.4
174°	2.3	2.3	2.5	2.4	2.3
174.5°	2.3	2.4	2.4	2.5	2.4
175°	2.5	2.4	2.5	2.5	2.4
175.5°	2.5	2.4	2.6	2.5	2.5
176°	2.6	2.5	2.5	2.4	2.4
176.5°	2.6	2.5	2.5	2.3	2.4
177°	2.5	2.5	2.4	2.3	2.4
177.5°	2.6	2.5	2.3	2.2	2.5
178°	2.4	2.4	2.2	2.2	2.3
178.5°	2.4	2.3	2.2	2.2	2.2



TEST NUMBER: P#

CATALOG NUMBER: 44ID-80-L830-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°	2147.5	2144.9	2134.4	2124.5	2120.3
22°	2146.4	2143.8	2132.9	2122.9	2118.7



44°	1922.3	1914.4	1898.8	1889.4	1883.1
44.5°	1910.3	1901.9	1887.3	1877.3	1871.1



66.5°	1026.7	1022.5	1014.7	1012.1	1009.5
67°	1001.1	996.4	989.1	986.5	984.4



89°	15.3	15.0	14.8	15.6	15.8
89.5°	6.7	6.8	6.7	7.2	7.1



111.5°	1.3	1.1	1.2	1.2	1.1
112°	1.3	1.2	1.2	1.2	1.3





134°	2.7	2.6	2.6	2.5	2.7
134.5°	2.7	2.6	2.6	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)