

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-L840-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-L840-CFD2  
Description: 8000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS  
AND 4000K CCT, 80CRI LEDS  
Light Source: -  
Ballast/Driver:  
Luminaire Equipment: Sample No.   Condition   Description

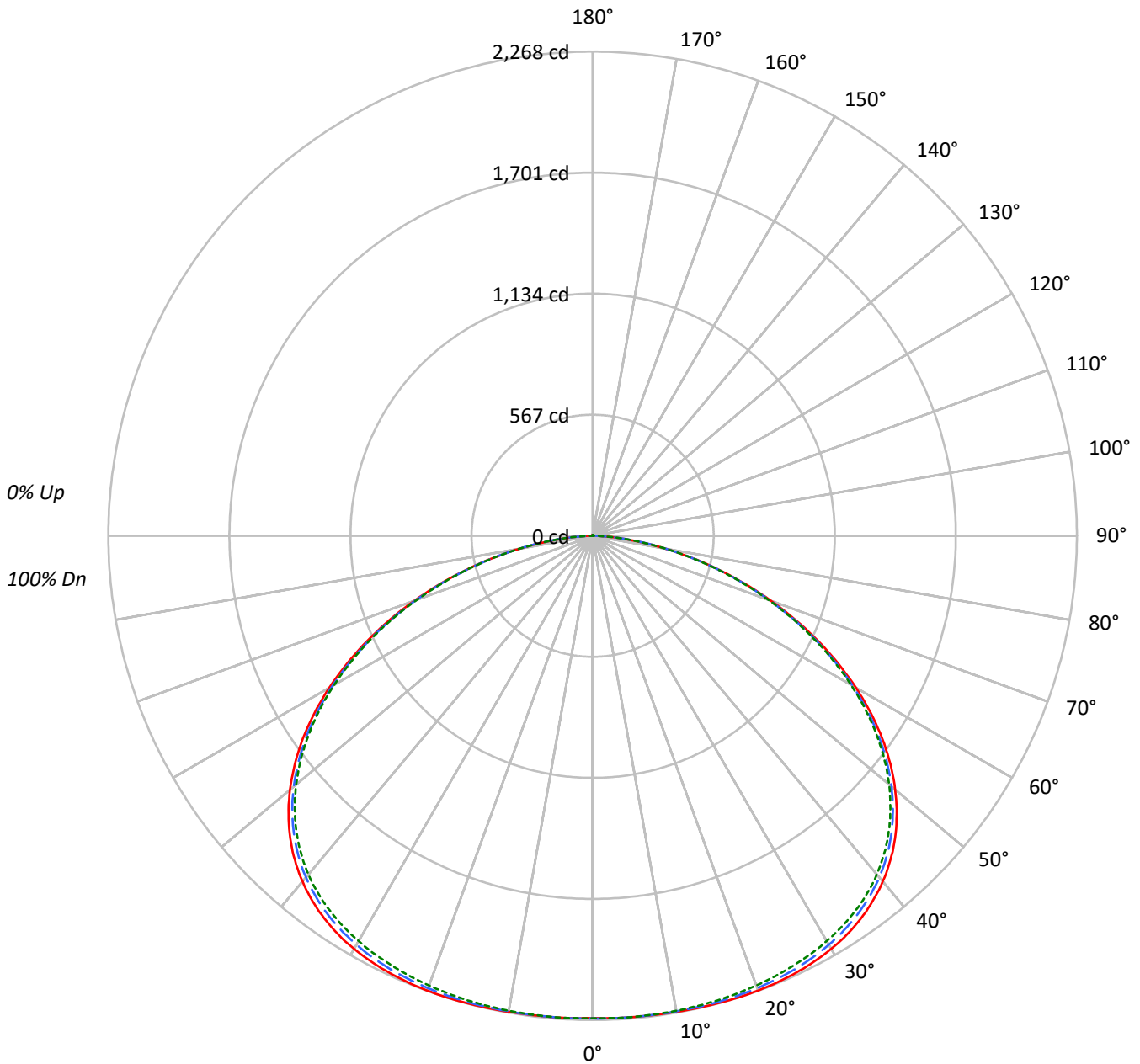
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 8183.0 lumens  
Efficiency: N/A  
Efficacy: 129.1 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					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°	1613	1613	1613
5°	1615	1613	1615
10°	1629	1622	1625
15°	1657	1644	1646
20°	1695	1676	1677
25°	1743	1716	1716
30°	1798	1762	1763
35°	1852	1809	1815
40°	1901	1852	1863
45°	1939	1882	1899
50°	1954	1892	1915
55°	1942	1873	1904
60°	1893	1817	1858
65°	1802	1721	1773
70°	1659	1573	1633
75°	1448	1361	1432
80°	1149	1067	1141
85°	714	644	730



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	215.9	2.6
10°-20°	640.5	7.8
20°-30°	1035.4	12.7
30°-40°	1356.2	16.6
40°-50°	1525.5	18.6
50°-60°	1459.7	17.8
60°-70°	1138.5	13.9
70°-80°	641.6	7.8
80°-90°	158.8	1.9
90°-100°	0.6	0.0
100°-110°	0.9	0.0
110°-120°	1.7	0.0
120°-130°	2.6	0.0
130°-140°	2.1	0.0
140°-150°	1.3	0.0
150°-160°	0.9	0.0
160°-170°	0.6	0.0
170°-180°	0.2	0.0
0°-30°	1891.9	23.1
0°-40°	3248.1	39.7
0°-60°	6233.3	76.2
0°-90°	8172.2	99.9
90°-120°	3.2	0.0
90°-150°	9.0	0.1
90°-180°	11.0	0.1
0°-180°	8183.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2260	2260	2260	2260	2260	
5°	2262	2263	2262	2262	2262	216
15°	2267	2266	2261	2256	2253	643
25°	2258	2254	2240	2227	2222	1043
35°	2189	2182	2164	2151	2145	1371
45°	2002	1994	1978	1968	1961	1543
55°	1656	1647	1635	1628	1623	1476
65°	1165	1160	1152	1148	1146	1150
75°	609	609	605	604	602	645
85°	130	132	133	134	133	151
90°	1	1	1	1	1	6
95°	0	0	0	0	1	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	3	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°	3	2	3	3	2	0
180°	2	2	2	2	2	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	2259.9	2259.9	2259.9	2259.9	2259.9
0.5°	2259.4	2261.0	2261.6	2261.0	2259.9
1°	2259.9	2261.0	2261.6	2261.6	2260.5
1.5°	2260.5	2261.6	2261.6	2261.6	2261.0
2°	2260.5	2261.6	2261.6	2262.1	2261.0
2.5°	2261.0	2262.1	2262.1	2262.1	2261.0
3°	2261.6	2262.1	2262.1	2262.1	2261.6
3.5°	2261.6	2262.1	2262.1	2262.1	2261.6
4°	2262.1	2262.1	2262.1	2262.1	2261.6
4.5°	2262.1	2262.7	2262.1	2262.1	2261.6
5°	2262.1	2262.7	2262.1	2262.1	2261.6
5.5°	2262.1	2262.7	2262.1	2262.1	2261.6
6°	2262.7	2262.7	2262.1	2262.1	2261.0
6.5°	2262.7	2263.2	2262.7	2262.1	2261.0
7°	2262.7	2263.2	2262.1	2262.1	2261.0
7.5°	2262.7	2263.2	2262.1	2261.6	2260.5
8°	2263.2	2263.2	2262.7	2261.6	2260.5
8.5°	2263.2	2263.8	2262.1	2261.6	2259.9
9°	2263.8	2263.8	2262.7	2261.0	2259.9
9.5°	2263.8	2264.3	2262.1	2261.0	2259.4
10°	2264.3	2264.3	2262.1	2260.5	2258.8
10.5°	2264.9	2264.9	2262.1	2260.5	2258.8
11°	2264.9	2264.9	2262.1	2259.9	2258.3
11.5°	2265.4	2265.4	2262.1	2259.4	2257.7
12°	2265.4	2265.4	2262.1	2259.4	2257.2
12.5°	2266.0	2265.4	2261.6	2258.8	2256.6
13°	2266.0	2265.4	2261.6	2258.3	2256.0
13.5°	2266.5	2266.0	2261.6	2257.7	2255.5
14°	2266.5	2266.0	2261.6	2257.2	2254.4
14.5°	2267.1	2266.0	2261.0	2256.6	2253.8
15°	2267.1	2266.5	2261.0	2256.0	2253.3
15.5°	2267.6	2266.5	2260.5	2254.9	2252.2
16°	2267.1	2266.5	2259.9	2254.4	2251.1
16.5°	2267.6	2266.5	2259.9	2253.3	2250.0
17°	2267.6	2266.0	2259.4	2252.2	2249.4
17.5°	2267.6	2266.0	2258.3	2251.6	2248.3
18°	2267.6	2266.0	2257.7	2250.5	2246.7
18.5°	2267.6	2265.4	2257.2	2249.4	2245.6
19°	2267.1	2265.4	2256.6	2248.3	2244.5
19.5°	2267.1	2264.9	2255.5	2246.7	2242.8
20°	2266.5	2264.3	2254.4	2245.6	2241.7
20.5°	2266.0	2263.8	2253.8	2244.5	2240.1
21°	2266.0	2263.2	2252.7	2242.8	2238.4



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	2263.8	2260.5	2248.9	2237.9	2232.9
23°	2262.7	2259.4	2247.2	2236.2	2231.2
23.5°	2261.6	2258.3	2245.6	2234.0	2229.0
24°	2260.5	2257.2	2243.9	2231.8	2226.8
24.5°	2259.4	2255.5	2242.3	2229.6	2224.6
25°	2257.7	2253.8	2240.1	2227.4	2222.4
25.5°	2256.0	2252.2	2237.9	2225.2	2219.7
26°	2254.4	2250.5	2235.7	2223.0	2217.5
26.5°	2252.7	2248.3	2233.4	2220.2	2214.7
27°	2250.5	2246.1	2230.7	2217.5	2212.0
27.5°	2248.3	2243.9	2227.9	2214.7	2209.2
28°	2246.1	2241.2	2225.2	2212.0	2206.4
28.5°	2243.4	2238.4	2222.4	2208.6	2203.1
29°	2240.6	2235.7	2219.1	2205.3	2199.8
29.5°	2237.9	2232.3	2215.8	2202.0	2196.0
30°	2234.6	2229.0	2212.0	2198.2	2192.1
30.5°	2231.2	2225.7	2208.1	2194.3	2188.8
31°	2227.4	2221.9	2204.2	2190.5	2184.4
31.5°	2224.1	2218.0	2199.8	2186.6	2180.5
32°	2219.7	2213.6	2196.0	2182.2	2176.1
32.5°	2215.3	2209.2	2191.0	2177.2	2171.2
33°	2210.9	2204.2	2186.0	2172.8	2166.2
33.5°	2205.9	2199.3	2181.1	2167.9	2161.2
34°	2200.4	2193.8	2175.6	2162.3	2156.3
34.5°	2194.9	2188.3	2170.1	2156.8	2150.8
35°	2189.4	2182.2	2164.0	2150.8	2144.7
35.5°	2183.3	2176.1	2157.9	2144.7	2138.6
36°	2177.2	2169.5	2151.3	2138.6	2132.0
36.5°	2170.1	2162.9	2144.7	2132.0	2126.0
37°	2162.9	2155.7	2137.5	2124.9	2118.8
37.5°	2155.7	2148.0	2130.4	2117.7	2111.1
38°	2148.0	2140.8	2122.7	2110.5	2103.9
38.5°	2140.3	2132.6	2114.4	2102.3	2096.2
39°	2132.0	2123.8	2106.1	2094.5	2087.9
39.5°	2123.2	2114.9	2097.9	2085.7	2079.7
40°	2113.8	2106.1	2088.5	2076.9	2070.8
40.5°	2105.0	2096.8	2079.1	2068.1	2061.5
41°	2095.1	2086.8	2069.7	2058.2	2051.6
41.5°	2084.6	2076.4	2059.3	2048.2	2041.6
42°	2074.2	2065.9	2048.8	2038.3	2031.2
42.5°	2063.1	2054.9	2037.8	2027.3	2020.7
43°	2052.1	2043.3	2026.8	2016.3	2009.7
43.5°	2040.5	2031.7	2015.2	2004.7	1998.1



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	2002.5	1993.7	1977.7	1968.3	1961.2
45.5°	1989.3	1979.9	1964.5	1955.1	1948.5
46°	1975.5	1966.1	1950.7	1941.3	1934.7
46.5°	1961.2	1951.8	1936.9	1927.5	1920.9
47°	1946.3	1937.5	1922.0	1913.8	1906.6
47.5°	1931.4	1922.0	1907.1	1898.9	1891.7
48°	1916.5	1906.6	1892.3	1883.4	1876.3
48.5°	1900.5	1891.2	1876.8	1868.6	1861.9
49°	1883.4	1874.6	1860.3	1851.5	1845.4
49.5°	1866.9	1858.1	1843.8	1835.5	1828.9
50°	1849.8	1840.4	1827.2	1818.9	1812.3
50.5°	1832.2	1822.8	1809.6	1801.3	1795.2
51°	1814.5	1805.2	1791.9	1783.7	1777.1
51.5°	1795.8	1786.4	1773.2	1765.5	1759.4
52°	1777.1	1767.7	1754.5	1747.3	1741.2
52.5°	1758.3	1748.9	1735.7	1728.0	1722.5
53°	1737.9	1729.1	1717.0	1709.8	1703.7
53.5°	1717.5	1708.7	1696.6	1689.4	1683.9
54°	1697.1	1688.3	1676.2	1669.0	1664.1
54.5°	1677.3	1667.9	1656.3	1649.2	1644.2
55°	1655.8	1647.0	1635.4	1628.2	1623.3
55.5°	1634.3	1625.5	1613.9	1606.7	1602.3
56°	1611.7	1603.4	1591.9	1585.8	1581.4
56.5°	1589.1	1581.4	1569.8	1563.7	1559.3
57°	1567.1	1558.8	1547.8	1542.2	1537.8
57.5°	1545.0	1536.2	1525.2	1519.6	1515.2
58°	1520.8	1512.5	1502.0	1496.5	1492.6
58.5°	1497.1	1489.3	1478.3	1473.3	1469.5
59°	1473.3	1465.6	1455.2	1450.2	1446.3
59.5°	1448.5	1441.4	1430.9	1425.9	1422.1
60°	1424.3	1416.6	1406.7	1402.2	1398.4
60.5°	1399.5	1392.9	1382.4	1378.0	1374.1
61°	1374.1	1367.5	1357.6	1353.2	1349.3
61.5°	1348.2	1342.7	1332.8	1328.4	1325.1
62°	1322.9	1317.4	1307.4	1303.6	1300.3
62.5°	1297.0	1291.5	1281.5	1277.7	1274.4
63°	1271.1	1265.5	1256.2	1252.3	1249.0
63.5°	1244.6	1239.1	1230.3	1226.4	1223.1
64°	1218.1	1212.6	1203.3	1200.5	1196.6
64.5°	1191.7	1186.2	1176.8	1174.0	1170.7
65°	1164.7	1160.3	1151.5	1148.1	1145.9
65.5°	1138.2	1132.7	1124.4	1121.7	1118.4
66°	1110.1	1105.7	1097.4	1094.7	1092.5





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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	1028.5	1023.6	1016.4	1013.7	1010.9
68°	1000.4	996.0	988.8	986.6	983.9
68.5°	972.3	967.9	960.7	959.1	957.4
69°	944.2	939.8	933.7	932.1	929.9
69.5°	916.6	912.2	906.7	905.1	902.3
70°	888.5	884.7	879.2	877.5	874.7
70.5°	860.4	856.6	851.6	849.9	847.2
71°	832.3	829.0	824.6	822.4	819.6
71.5°	804.7	801.4	796.5	794.8	792.6
72°	776.6	773.9	768.9	767.8	765.1
72.5°	748.5	746.3	741.4	740.3	738.1
73°	720.4	718.2	713.2	712.1	710.5
73.5°	692.9	690.6	686.2	684.6	682.9
74°	665.3	663.6	659.2	658.1	655.9
74.5°	637.2	636.1	632.2	630.6	628.9
75°	609.1	609.1	605.2	604.1	602.5
75.5°	582.1	582.1	578.2	577.1	575.4
76°	555.1	555.1	551.2	550.1	547.9
76.5°	527.8	528.0	524.7	523.6	521.8
77°	501.6	501.9	498.9	497.5	495.6
77.5°	473.7	475.0	472.6	471.3	469.5
78°	447.6	449.3	446.8	445.8	444.2
78.5°	423.0	424.1	422.5	421.2	419.1
79°	397.3	398.1	397.1	396.0	393.9
79.5°	371.9	373.3	372.6	371.6	369.2
80°	347.6	348.6	348.8	347.3	345.0
80.5°	322.1	324.1	324.4	322.9	321.8
81°	298.4	300.3	300.9	300.0	298.5
81.5°	275.2	277.4	277.9	277.4	275.4
82°	251.8	254.6	255.4	255.0	252.8
82.5°	229.6	232.7	233.5	233.2	231.2
83°	208.0	211.3	212.2	212.4	210.6
83.5°	187.1	190.3	191.3	191.7	189.6
84°	167.0	169.9	171.2	171.8	170.0
84.5°	147.9	150.3	151.9	152.6	151.7
85°	130.0	131.6	133.1	134.1	132.9
85.5°	112.6	113.9	115.0	116.5	115.6
86°	96.3	97.7	98.4	99.7	99.7
86.5°	80.9	81.5	82.1	83.6	83.6
87°	66.1	66.2	66.4	68.2	68.3
87.5°	51.0	51.5	51.7	53.3	53.9
88°	36.0	37.3	37.6	39.1	39.0
88.5°	25.5	25.5	25.4	26.9	27.2



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	1.2	1.2	1.2	1.3	1.2
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	0.6
94.5°	0.5	0.5	0.4	0.5	0.5
95°	0.5	0.4	0.5	0.4	0.6
95.5°	0.4	0.5	0.6	0.5	0.6
96°	0.6	0.6	0.5	0.5	0.6
96.5°	0.6	0.6	0.6	0.5	0.6
97°	0.6	0.6	0.6	0.5	0.7
97.5°	0.7	0.6	0.6	0.5	0.7
98°	0.7	0.6	0.6	0.6	0.7
98.5°	0.7	0.6	0.6	0.6	0.7
99°	0.7	0.7	0.6	0.6	0.6
99.5°	0.7	0.6	0.7	0.6	0.6
100°	0.7	0.7	0.7	0.7	0.7
100.5°	0.7	0.7	0.7	0.7	0.7
101°	0.8	0.7	0.7	0.7	0.7
101.5°	0.8	0.7	0.7	0.7	0.8
102°	0.9	0.7	0.8	0.7	0.8
102.5°	0.8	0.7	0.7	0.8	0.8
103°	0.8	0.7	0.8	0.7	0.8
103.5°	0.8	0.8	0.8	0.8	0.7
104°	0.9	0.8	0.8	0.8	0.7
104.5°	0.8	0.9	0.9	0.9	0.8
105°	1.0	0.9	0.8	0.9	0.9
105.5°	0.9	0.8	0.9	0.8	0.8
106°	0.9	0.9	0.9	0.9	1.0
106.5°	1.0	0.9	0.9	0.9	0.8
107°	0.9	0.9	1.0	1.0	0.9
107.5°	1.0	0.9	1.0	1.0	1.0
108°	1.0	0.9	0.9	1.0	0.9
108.5°	1.0	1.0	1.0	1.0	0.9
109°	1.1	1.0	1.0	1.0	1.1
109.5°	1.2	1.0	1.2	1.1	1.0
110°	1.1	1.1	1.1	1.2	1.1
110.5°	1.2	1.1	1.2	1.2	1.2
111°	1.2	1.2	1.2	1.2	1.2



TEST NUMBER: P#

CATALOG NUMBER: 44ID-80-L840-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	1.3	1.4	1.4	1.4	1.3
113°	1.5	1.3	1.3	1.4	1.4
113.5°	1.5	1.5	1.5	1.5	1.5
114°	1.5	1.5	1.6	1.6	1.5
114.5°	1.7	1.7	1.6	1.6	1.5
115°	1.7	1.7	1.6	1.7	1.6
115.5°	1.8	1.7	1.8	1.7	1.6
116°	1.8	1.8	1.8	1.8	1.7
116.5°	1.9	1.9	1.9	1.9	1.8
117°	2.0	2.0	2.0	2.0	1.8
117.5°	2.1	2.0	2.0	2.0	1.9
118°	2.1	2.0	2.1	2.0	1.9
118.5°	2.3	2.1	2.1	2.1	2.0
119°	2.3	2.3	2.3	2.1	2.1
119.5°	2.3	2.3	2.3	2.3	2.2
120°	2.4	2.4	2.4	2.3	2.4
120.5°	2.5	2.4	2.5	2.4	2.4
121°	2.5	2.5	2.5	2.5	2.4
121.5°	2.8	2.6	2.6	2.5	2.5
122°	2.6	2.8	2.6	2.6	2.6
122.5°	2.8	2.8	2.7	2.7	2.6
123°	2.9	2.9	2.8	2.8	2.7
123.5°	2.9	3.0	2.8	2.7	2.8
124°	2.9	3.0	2.9	2.8	2.8
124.5°	3.1	3.0	2.9	2.9	2.9
125°	3.2	3.1	3.0	3.0	3.0
125.5°	3.2	3.1	3.0	3.0	3.0
126°	3.2	3.1	3.0	3.0	3.0
126.5°	3.1	3.1	3.2	3.0	3.1
127°	3.2	3.2	3.1	3.0	3.0
127.5°	3.3	3.3	3.2	3.0	3.0
128°	3.3	3.1	3.1	3.0	3.1
128.5°	3.2	3.2	3.1	3.0	3.1
129°	3.1	3.1	3.1	3.0	3.0
129.5°	3.1	3.1	3.1	3.0	3.0
130°	3.1	3.1	3.0	2.9	3.0
130.5°	3.2	3.1	3.1	2.8	3.0
131°	3.0	3.0	3.0	2.9	2.9
131.5°	3.1	3.0	2.9	2.8	2.9
132°	3.0	2.9	2.9	2.8	2.8
132.5°	3.0	2.9	2.9	2.8	2.9
133°	2.9	2.8	2.8	2.6	2.8
133.5°	3.0	2.8	2.7	2.6	2.8



TEST NUMBER: P#

CATALOG NUMBER: 44ID-80-L840-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	2.9	2.7	2.6	2.5	2.8
135.5°	2.7	2.8	2.6	2.5	2.6
136°	2.6	2.6	2.5	2.4	2.6
136.5°	2.7	2.6	2.5	2.4	2.6
137°	2.6	2.5	2.5	2.4	2.5
137.5°	2.6	2.5	2.4	2.3	2.4
138°	2.5	2.4	2.3	2.3	2.4
138.5°	2.6	2.4	2.4	2.2	2.4
139°	2.3	2.4	2.3	2.1	2.4
139.5°	2.4	2.3	2.2	2.1	2.4
140°	2.4	2.2	2.3	2.1	2.2
140.5°	2.4	2.2	2.2	2.1	2.2
141°	2.3	2.2	2.1	2.0	2.1
141.5°	2.1	2.2	2.2	2.0	2.1
142°	2.0	2.0	2.1	2.0	1.9
142.5°	2.0	2.1	2.1	2.0	1.9
143°	2.1	2.1	2.1	2.0	1.9
143.5°	2.1	2.1	2.1	1.9	1.9
144°	2.1	2.0	2.1	1.9	2.0
144.5°	2.0	2.0	2.0	1.9	2.0
145°	2.1	2.0	2.0	1.8	2.0
145.5°	2.0	1.9	2.0	1.8	2.1
146°	2.0	1.9	1.9	1.8	2.0
146.5°	2.1	1.9	1.9	1.8	2.0
147°	2.0	1.9	1.8	1.9	1.9
147.5°	2.0	1.9	1.8	1.9	2.0
148°	2.0	1.9	1.9	1.8	2.0
148.5°	2.1	2.0	1.9	1.8	2.0
149°	2.0	1.9	1.9	1.8	2.0
149.5°	2.1	1.9	1.9	1.8	2.1
150°	2.1	2.0	1.9	1.8	2.0
150.5°	2.0	1.9	1.9	1.9	2.0
151°	2.1	1.9	1.8	1.9	2.1
151.5°	2.1	2.0	1.8	1.9	2.1
152°	2.1	2.0	1.9	2.0	2.0
152.5°	2.1	2.0	1.9	1.9	2.1
153°	2.1	2.0	1.9	2.0	2.2
153.5°	2.3	2.0	1.9	2.0	2.1
154°	2.1	2.0	2.0	2.0	2.1
154.5°	2.1	2.0	2.0	2.1	2.2
155°	2.0	2.0	2.0	2.1	2.3
155.5°	2.1	2.0	2.0	2.0	2.2
156°	2.0	2.0	2.0	2.0	2.2



TEST NUMBER: P#

CATALOG NUMBER: 44ID-80-L840-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
157.5°	2.0	1.9	2.0	2.1	2.1
158°	2.2	2.0	2.0	2.0	2.2
158.5°	2.1	2.0	1.9	2.0	2.1
159°	2.1	2.0	2.0	2.0	2.3
159.5°	2.1	2.0	2.0	2.0	2.3
160°	2.1	2.0	1.9	2.0	2.2
160.5°	2.0	2.0	2.0	2.1	2.2
161°	2.0	2.0	2.0	2.1	2.2
161.5°	2.1	2.0	2.0	2.0	2.1
162°	2.0	2.0	2.0	2.1	2.1
162.5°	2.1	2.1	2.0	2.0	2.1
163°	2.1	2.0	2.1	2.1	2.1
163.5°	2.1	2.0	2.1	2.1	2.3
164°	2.0	2.1	2.0	2.2	2.2
164.5°	2.0	2.1	2.1	2.2	2.3
165°	2.0	2.0	2.0	2.1	2.2
165.5°	1.9	2.0	2.0	2.3	2.2
166°	2.1	2.1	2.0	2.2	2.1
166.5°	2.1	2.0	2.0	2.3	2.0
167°	2.0	2.2	2.0	2.3	2.3
167.5°	2.1	2.2	2.1	2.4	2.3
168°	2.1	2.1	2.0	2.3	2.2
168.5°	2.1	2.3	2.1	2.5	2.3
169°	2.3	2.2	2.0	2.5	2.3
169.5°	2.2	2.2	2.1	2.4	2.3
170°	2.3	2.2	2.1	2.5	2.3
170.5°	2.3	2.3	2.1	2.5	2.4
171°	2.3	2.3	2.3	2.5	2.4
171.5°	2.2	2.3	2.3	2.5	2.3
172°	2.2	2.3	2.3	2.5	2.4
172.5°	2.3	2.3	2.4	2.5	2.4
173°	2.2	2.2	2.4	2.5	2.4
173.5°	2.4	2.3	2.4	2.5	2.5
174°	2.4	2.4	2.6	2.5	2.4
174.5°	2.4	2.5	2.5	2.6	2.5
175°	2.6	2.5	2.6	2.6	2.5
175.5°	2.6	2.5	2.7	2.6	2.6
176°	2.7	2.6	2.6	2.5	2.5
176.5°	2.8	2.6	2.6	2.4	2.5
177°	2.6	2.6	2.5	2.4	2.5
177.5°	2.7	2.6	2.4	2.4	2.6
178°	2.5	2.5	2.4	2.4	2.4
178.5°	2.5	2.4	2.3	2.3	2.3



TEST NUMBER: P#

CATALOG NUMBER: 44ID-80-L840-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	2.1	2.1	2.1	2.1	2.1



Report Generated By 670246072 / DESKTOP-MV3F9LC







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







21.5°	2265.4	2262.7	2251.6	2241.2	2236.8
22°	2264.3	2261.6	2250.0	2239.5	2235.1



44°	2027.9	2019.6	2003.0	1993.1	1986.5
44.5°	2015.2	2006.4	1990.9	1980.5	1973.8



66.5°	1083.1	1078.7	1070.4	1067.7	1064.9
67°	1056.1	1051.1	1043.4	1040.7	1038.5



89°	16.1	15.8	15.7	16.5	16.7
89.5°	7.1	7.2	7.1	7.6	7.4



111.5°	1.4	1.2	1.3	1.3	1.2
112°	1.4	1.3	1.3	1.3	1.4





134°	2.8	2.8	2.7	2.6	2.8
134.5°	2.9	2.7	2.7	2.5	2.6



156.5°	2.1	2.0	2.0	2.1	2.1
157°	2.1	2.0	2.0	2.0	2.1



179°	2.4	2.3	2.2	2.3	2.4
179.5°	2.1	2.2	2.1	2.1	2.3



(END OF REPORT)