

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-90-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-90-L950-CFR2  
Description: 9000 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

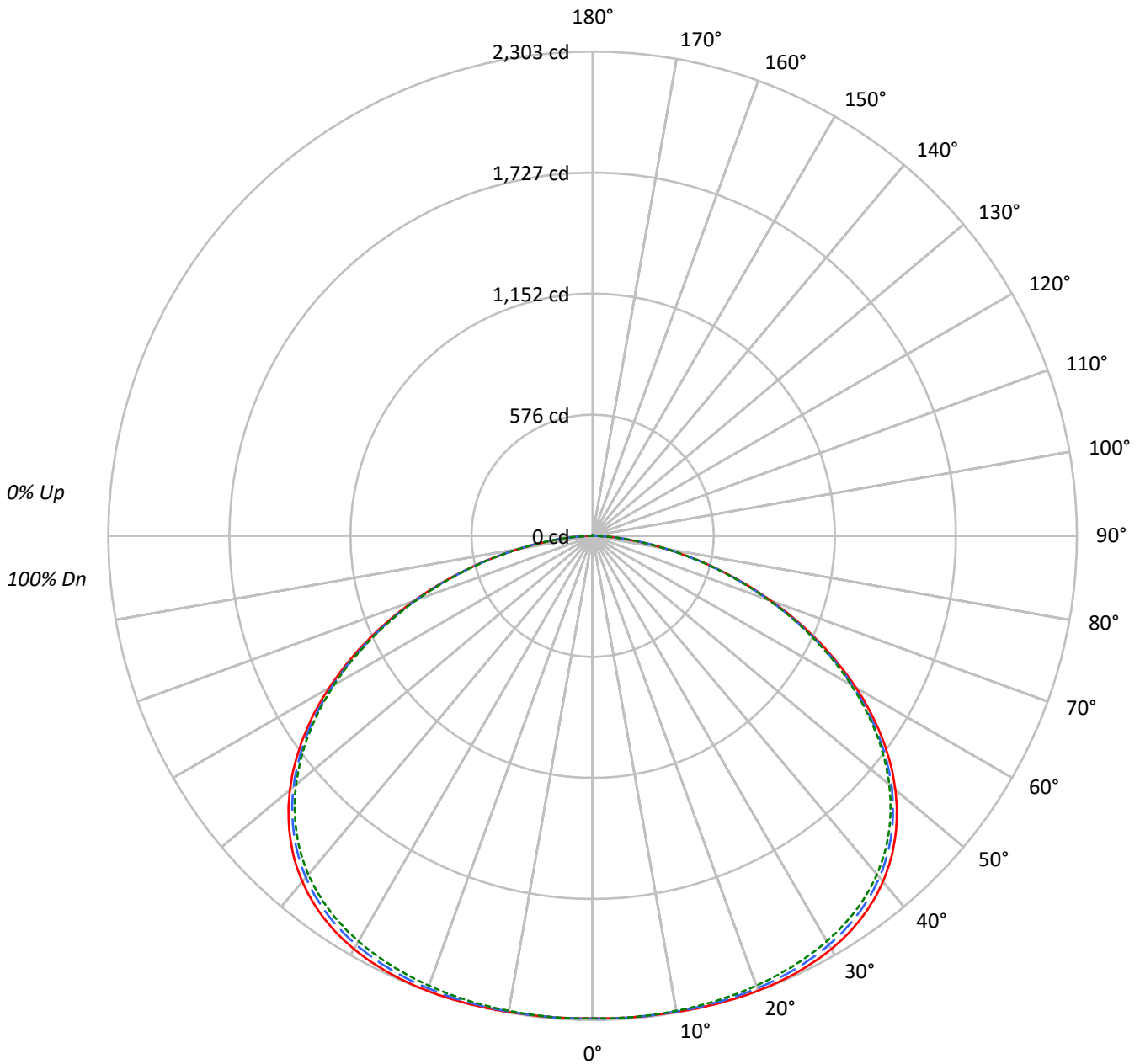
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 8312.0 lumens  
Efficiency: N/A  
Efficacy: 119.8 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): 69.4  
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				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				100
1	108	103	99	95	105	101	97	93	97	93	90	93	90	87	89	87	85	82				82
2	98	89	82	76	95	87	81	75	84	78	73	80	76	71	77	73	70	68				68
3	89	78	69	62	86	76	68	62	73	66	60	70	64	59	67	63	58	56				56
4	81	68	59	52	78	67	58	52	64	57	51	62	55	50	60	54	49	47				47
5	74	61	51	44	72	59	51	44	57	49	43	55	48	43	53	47	42	40				40
6	68	54	45	38	66	53	44	38	51	43	38	50	43	37	48	42	37	35				35
7	63	49	40	33	61	48	39	33	46	39	33	45	38	33	43	37	32	30				30
8	58	44	36	29	57	44	35	29	42	35	29	41	34	29	40	33	29	27				27
9	54	41	32	26	53	40	32	26	39	31	26	38	31	26	37	30	26	24				24
10	51	37	29	24	50	37	29	24	36	28	23	35	28	23	34	28	23	21				21

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	1639	1639	1639
5°	1647	1647	1646
10°	1667	1666	1663
15°	1702	1697	1692
20°	1749	1740	1730
25°	1806	1792	1778
30°	1871	1852	1836
35°	1938	1916	1899
40°	2001	1977	1960
45°	2054	2028	2011
50°	2087	2061	2045
55°	2093	2068	2052
60°	2066	2040	2028
65°	1998	1976	1966
70°	1884	1864	1855
75°	1707	1696	1688
80°	1452	1457	1441
85°	1081	1107	1106



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	219.3	2.6
10°-20°	650.6	7.8
20°-30°	1051.8	12.7
30°-40°	1377.6	16.6
40°-50°	1549.5	18.6
50°-60°	1482.7	17.8
60°-70°	1156.4	13.9
70°-80°	651.7	7.8
80°-90°	161.3	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°	1.0	0.0
160°-170°	0.6	0.0
170°-180°	0.2	0.0
0°-30°	1921.7	23.1
0°-40°	3299.3	39.7
0°-60°	6331.6	76.2
0°-90°	8301.0	99.9
90°-120°	3.2	0.0
90°-150°	9.2	0.1
90°-180°	11.0	0.1
0°-180°	8312.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2296	2296	2296	2296	2296	
5°	2298	2298	2298	2298	2297	219
15°	2303	2302	2297	2292	2289	653
25°	2293	2289	2275	2262	2258	1060
35°	2224	2217	2198	2185	2178	1392
45°	2034	2025	2009	1999	1992	1567
55°	1682	1673	1661	1654	1649	1499
65°	1183	1179	1170	1166	1164	1168
75°	619	619	615	614	612	656
85°	132	134	135	136	135	153
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	3	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	3	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°	2295.5	2295.5	2295.5	2295.5	2295.5
0.5°	2295.0	2296.7	2297.2	2296.7	2295.5
1°	2295.5	2296.7	2297.2	2297.2	2296.1
1.5°	2296.1	2297.2	2297.2	2297.2	2296.7
2°	2296.1	2297.2	2297.2	2297.8	2296.7
2.5°	2296.7	2297.8	2297.8	2297.8	2296.7
3°	2297.2	2297.8	2297.8	2297.8	2297.2
3.5°	2297.2	2297.8	2297.8	2297.8	2297.2
4°	2297.8	2297.8	2297.8	2297.8	2297.2
4.5°	2297.8	2298.3	2297.8	2297.8	2297.2
5°	2297.8	2298.3	2297.8	2297.8	2297.2
5.5°	2297.8	2298.3	2297.8	2297.8	2297.2
6°	2298.3	2298.3	2297.8	2297.8	2296.7
6.5°	2298.3	2298.9	2298.3	2297.8	2296.7
7°	2298.3	2298.9	2297.8	2297.8	2296.7
7.5°	2298.3	2298.9	2297.8	2297.2	2296.1
8°	2298.9	2298.9	2298.3	2297.2	2296.1
8.5°	2298.9	2299.5	2297.8	2297.2	2295.5
9°	2299.5	2299.5	2298.3	2296.7	2295.5
9.5°	2299.5	2300.0	2297.8	2296.7	2295.0
10°	2300.0	2300.0	2297.8	2296.1	2294.4
10.5°	2300.6	2300.6	2297.8	2296.1	2294.4
11°	2300.6	2300.6	2297.8	2295.5	2293.9
11.5°	2301.1	2301.1	2297.8	2295.0	2293.3
12°	2301.1	2301.1	2297.8	2295.0	2292.7
12.5°	2301.7	2301.1	2297.2	2294.4	2292.2
13°	2301.7	2301.1	2297.2	2293.9	2291.6
13.5°	2302.3	2301.7	2297.2	2293.3	2291.1
14°	2302.3	2301.7	2297.2	2292.7	2289.9
14.5°	2302.8	2301.7	2296.7	2292.2	2289.4
15°	2302.8	2302.3	2296.7	2291.6	2288.8
15.5°	2303.4	2302.3	2296.1	2290.5	2287.7
16°	2302.8	2302.3	2295.5	2289.9	2286.6
16.5°	2303.4	2302.3	2295.5	2288.8	2285.5
17°	2303.4	2301.7	2295.0	2287.7	2284.9
17.5°	2303.4	2301.7	2293.9	2287.1	2283.8
18°	2303.4	2301.7	2293.3	2286.0	2282.1
18.5°	2303.4	2301.1	2292.7	2284.9	2281.0
19°	2302.8	2301.1	2292.2	2283.8	2279.9
19.5°	2302.8	2300.6	2291.1	2282.1	2278.2
20°	2302.3	2300.0	2289.9	2281.0	2277.1
20.5°	2301.7	2299.5	2289.4	2279.9	2275.4
21°	2301.7	2298.9	2288.3	2278.2	2273.7



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	2299.5	2296.1	2284.3	2273.1	2268.1
23°	2298.3	2295.0	2282.7	2271.5	2266.4
23.5°	2297.2	2293.9	2281.0	2269.2	2264.2
24°	2296.1	2292.7	2279.3	2267.0	2261.9
24.5°	2295.0	2291.1	2277.6	2264.7	2259.7
25°	2293.3	2289.4	2275.4	2262.5	2257.5
25.5°	2291.6	2287.7	2273.1	2260.3	2254.7
26°	2289.9	2286.0	2270.9	2258.0	2252.4
26.5°	2288.3	2283.8	2268.7	2255.2	2249.6
27°	2286.0	2281.5	2265.9	2252.4	2246.8
27.5°	2283.8	2279.3	2263.1	2249.6	2244.0
28°	2281.5	2276.5	2260.3	2246.8	2241.2
28.5°	2278.7	2273.7	2257.5	2243.5	2237.9
29°	2275.9	2270.9	2254.1	2240.1	2234.5
29.5°	2273.1	2267.5	2250.7	2236.7	2230.6
30°	2269.8	2264.2	2246.8	2232.8	2226.7
30.5°	2266.4	2260.8	2242.9	2228.9	2223.3
31°	2262.5	2256.9	2239.0	2225.0	2218.8
31.5°	2259.1	2253.0	2234.5	2221.1	2214.9
32°	2254.7	2248.5	2230.6	2216.6	2210.4
32.5°	2250.2	2244.0	2225.5	2211.6	2205.4
33°	2245.7	2239.0	2220.5	2207.1	2200.4
33.5°	2240.7	2233.9	2215.5	2202.0	2195.3
34°	2235.1	2228.3	2209.9	2196.4	2190.3
34.5°	2229.5	2222.7	2204.3	2190.8	2184.7
35°	2223.9	2216.6	2198.1	2184.7	2178.5
35.5°	2217.7	2210.4	2192.0	2178.5	2172.4
36°	2211.6	2203.7	2185.2	2172.4	2165.6
36.5°	2204.3	2197.0	2178.5	2165.6	2159.5
37°	2197.0	2189.7	2171.2	2158.4	2152.2
37.5°	2189.7	2181.9	2164.0	2151.1	2144.4
38°	2181.9	2174.6	2156.1	2143.8	2137.1
38.5°	2174.0	2166.2	2147.7	2135.4	2129.2
39°	2165.6	2157.2	2139.3	2127.6	2120.8
39.5°	2156.7	2148.3	2130.9	2118.6	2112.5
40°	2147.2	2139.3	2121.4	2109.7	2103.5
40.5°	2138.2	2129.8	2111.9	2100.7	2094.0
41°	2128.1	2119.7	2102.4	2090.6	2083.9
41.5°	2117.5	2109.1	2091.7	2080.5	2073.8
42°	2106.9	2098.5	2081.1	2070.5	2063.2
42.5°	2095.7	2087.3	2069.9	2059.3	2052.5
43°	2084.5	2075.5	2058.7	2048.1	2041.3
43.5°	2072.7	2063.7	2046.9	2036.3	2029.6



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	2034.1	2025.1	2008.9	1999.4	1992.1
45.5°	2020.6	2011.1	1995.4	1985.9	1979.2
46°	2006.6	1997.1	1981.4	1971.9	1965.2
46.5°	1992.1	1982.6	1967.4	1957.9	1951.2
47°	1977.0	1968.0	1952.3	1943.9	1936.6
47.5°	1961.8	1952.3	1937.2	1928.8	1921.5
48°	1946.7	1936.6	1922.1	1913.1	1905.9
48.5°	1930.5	1921.0	1906.4	1898.0	1891.3
49°	1913.1	1904.2	1889.6	1880.7	1874.5
49.5°	1896.3	1887.4	1872.8	1864.4	1857.7
50°	1879.0	1869.5	1856.0	1847.6	1840.9
50.5°	1861.1	1851.5	1838.1	1829.7	1823.5
51°	1843.1	1833.6	1820.2	1811.8	1805.1
51.5°	1824.1	1814.6	1801.2	1793.3	1787.2
52°	1805.1	1795.6	1782.1	1774.8	1768.7
52.5°	1786.0	1776.5	1763.1	1755.2	1749.6
53°	1765.3	1756.4	1744.0	1736.8	1730.6
53.5°	1744.6	1735.6	1723.3	1716.1	1710.5
54°	1723.9	1714.9	1702.6	1695.3	1690.3
54.5°	1703.7	1694.2	1682.5	1675.2	1670.1
55°	1681.9	1672.9	1661.2	1653.9	1648.9
55.5°	1660.1	1651.1	1639.3	1632.1	1627.6
56°	1637.1	1628.7	1617.0	1610.8	1606.3
56.5°	1614.2	1606.3	1594.6	1588.4	1583.9
57°	1591.8	1583.4	1572.2	1566.6	1562.1
57.5°	1569.4	1560.4	1549.2	1543.6	1539.1
58°	1544.7	1536.3	1525.7	1520.1	1516.2
58.5°	1520.7	1512.8	1501.6	1496.6	1492.7
59°	1496.6	1488.7	1478.1	1473.1	1469.1
59.5°	1471.4	1464.1	1453.5	1448.4	1444.5
60°	1446.7	1438.9	1428.8	1424.4	1420.4
60.5°	1421.6	1414.8	1404.2	1399.7	1395.8
61°	1395.8	1389.1	1379.0	1374.5	1370.6
61.5°	1369.5	1363.9	1353.8	1349.3	1346.0
62°	1343.7	1338.1	1328.0	1324.1	1320.8
62.5°	1317.4	1311.8	1301.7	1297.8	1294.5
63°	1291.1	1285.5	1276.0	1272.1	1268.7
63.5°	1264.2	1258.6	1249.7	1245.7	1242.4
64°	1237.3	1231.7	1222.2	1219.4	1215.5
64.5°	1210.5	1204.9	1195.4	1192.6	1189.2
65°	1183.0	1178.6	1169.6	1166.2	1164.0
65.5°	1156.2	1150.6	1142.2	1139.4	1136.0
66°	1127.6	1123.1	1114.7	1111.9	1109.7





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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	1044.7	1039.7	1032.4	1029.6	1026.8
68°	1016.2	1011.7	1004.4	1002.2	999.4
68.5°	987.6	983.2	975.9	974.2	972.5
69°	959.1	954.6	948.4	946.8	944.5
69.5°	931.1	926.6	921.0	919.3	916.5
70°	902.5	898.6	893.0	891.3	888.5
70.5°	874.0	870.1	865.0	863.3	860.5
71°	845.4	842.1	837.6	835.4	832.6
71.5°	817.4	814.1	809.0	807.4	805.1
72°	788.9	786.1	781.0	779.9	777.1
72.5°	760.3	758.1	753.0	751.9	749.7
73°	731.8	729.5	724.5	723.4	721.7
73.5°	703.8	701.5	697.1	695.4	693.7
74°	675.8	674.1	669.6	668.5	666.3
74.5°	647.2	646.1	642.2	640.5	638.8
75°	618.7	618.7	614.8	613.6	612.0
75.5°	591.2	591.2	587.3	586.2	584.5
76°	563.8	563.8	559.9	558.8	556.6
76.5°	536.1	536.3	533.0	531.8	530.0
77°	509.6	509.8	506.8	505.3	503.4
77.5°	481.2	482.5	480.0	478.7	476.9
78°	454.7	456.4	453.8	452.8	451.2
78.5°	429.7	430.8	429.2	427.9	425.7
79°	403.6	404.4	403.3	402.2	400.1
79.5°	377.8	379.2	378.5	377.5	375.0
80°	353.1	354.1	354.3	352.8	350.5
80.5°	327.1	329.2	329.5	328.0	326.9
81°	303.1	305.1	305.6	304.7	303.2
81.5°	279.5	281.8	282.3	281.8	279.8
82°	255.8	258.6	259.5	259.1	256.8
82.5°	233.2	236.3	237.2	236.9	234.8
83°	211.2	214.7	215.5	215.8	213.9
83.5°	190.0	193.3	194.3	194.7	192.6
84°	169.6	172.6	173.9	174.5	172.7
84.5°	150.3	152.6	154.2	155.0	154.1
85°	132.0	133.7	135.2	136.2	135.0
85.5°	114.3	115.7	116.8	118.4	117.4
86°	97.9	99.2	100.0	101.2	101.2
86.5°	82.2	82.8	83.4	84.9	84.9
87°	67.2	67.2	67.5	69.3	69.4
87.5°	51.8	52.3	52.5	54.1	54.7
88°	36.6	37.8	38.2	39.7	39.6
88.5°	25.9	25.9	25.8	27.3	27.7



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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°	1.0	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	1.0	1.0
105.5°	1.0	0.8	0.9	0.8	0.8
106°	0.9	0.9	1.0	1.0	1.0
106.5°	1.0	0.9	1.0	0.9	0.8
107°	1.0	1.0	1.0	1.0	0.9
107.5°	1.1	1.0	1.0	1.1	1.0
108°	1.1	1.0	0.9	1.1	1.0
108.5°	1.1	1.1	1.1	1.0	1.0
109°	1.1	1.1	1.1	1.1	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-90-L950-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	1.3	1.4	1.5	1.4	1.3
113°	1.5	1.3	1.3	1.4	1.4
113.5°	1.5	1.5	1.5	1.6	1.6
114°	1.6	1.6	1.6	1.6	1.6
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	2.1	2.0	1.9
118°	2.1	2.1	2.2	2.1	2.0
118.5°	2.3	2.2	2.2	2.1	2.1
119°	2.3	2.3	2.4	2.2	2.2
119.5°	2.4	2.4	2.4	2.3	2.2
120°	2.5	2.5	2.4	2.4	2.4
120.5°	2.5	2.4	2.5	2.5	2.4
121°	2.5	2.5	2.5	2.5	2.4
121.5°	2.8	2.7	2.6	2.5	2.5
122°	2.6	2.8	2.7	2.6	2.7
122.5°	2.9	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	2.9	2.7	2.9
124°	3.0	3.0	3.0	2.9	2.9
124.5°	3.1	3.0	3.0	2.9	2.9
125°	3.2	3.1	3.1	3.0	3.0
125.5°	3.2	3.2	3.1	3.0	3.1
126°	3.2	3.1	3.1	3.1	3.0
126.5°	3.1	3.2	3.2	3.1	3.1
127°	3.2	3.2	3.1	3.1	3.0
127.5°	3.4	3.3	3.2	3.1	3.0
128°	3.4	3.2	3.2	3.1	3.1
128.5°	3.2	3.2	3.1	3.0	3.1
129°	3.2	3.2	3.1	3.1	3.0
129.5°	3.1	3.2	3.1	3.1	3.1
130°	3.1	3.2	3.1	3.0	3.0
130.5°	3.2	3.1	3.1	2.9	3.0
131°	3.1	3.1	3.1	2.9	3.0
131.5°	3.1	3.0	2.9	2.9	2.9
132°	3.1	3.0	3.0	2.9	2.9
132.5°	3.1	3.0	2.9	2.9	2.9
133°	3.0	2.9	2.9	2.7	2.8
133.5°	3.0	2.9	2.7	2.6	2.8



TEST NUMBER: P#

CATALOG NUMBER: 44ID-90-L950-CFR2

**CANDELA DISTRIBUTION (continued):**

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-90-L950-CFR2

**CANDELA DISTRIBUTION (continued):**

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-90-L950-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	2.2	2.2	2.2	2.2	2.2



Report Generated By 670246072 / DESKTOP-MV3F9LC







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







21.5°	2301.1	2298.3	2287.1	2276.5	2272.0
22°	2300.0	2297.2	2285.5	2274.8	2270.3



44°	2059.8	2051.4	2034.6	2024.5	2017.8
44.5°	2046.9	2038.0	2022.3	2011.7	2005.0



66.5°	1100.2	1095.7	1087.3	1084.5	1081.7
67°	1072.7	1067.7	1059.9	1057.1	1054.8



89°	16.3	16.1	15.9	16.7	17.0
89.5°	7.2	7.3	7.2	7.7	7.6



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





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



156.5°	2.2	2.0	2.1	2.1	2.2
157°	2.1	2.0	2.1	2.1	2.2



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



(END OF REPORT)