

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-L940-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-L940-CFR2
Description: 9000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS
AND 4000K CCT, 90CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

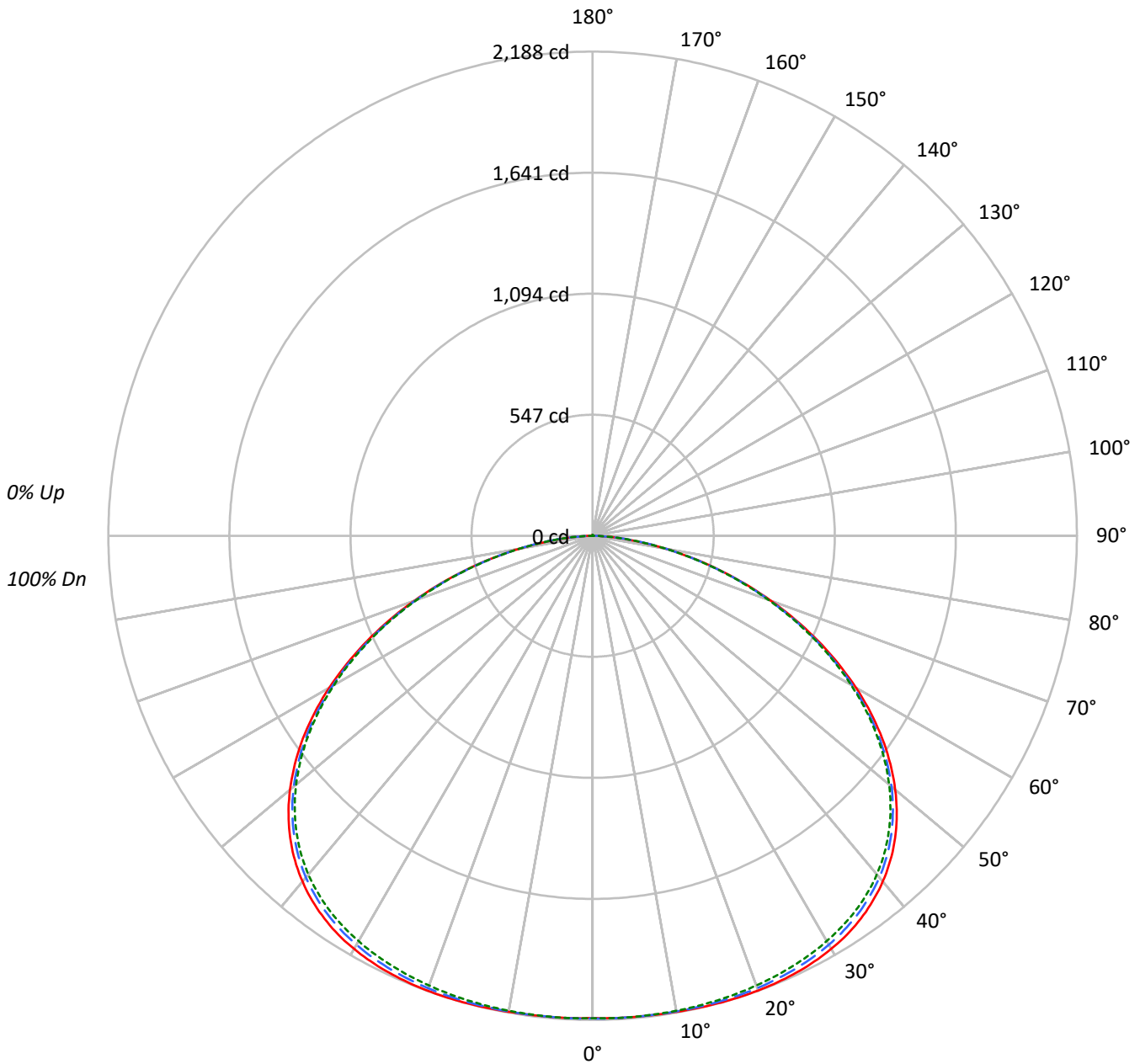
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7895.0 lumens
Efficiency: N/A
Efficacy: 113.8 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					
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°	1557	1557	1557
5°	1564	1564	1564
10°	1584	1582	1580
15°	1617	1612	1607
20°	1661	1652	1643
25°	1716	1702	1689
30°	1777	1759	1743
35°	1841	1820	1803
40°	1901	1878	1862
45°	1951	1926	1910
50°	1982	1958	1942
55°	1988	1964	1949
60°	1962	1938	1926
65°	1898	1877	1868
70°	1789	1770	1762
75°	1621	1611	1603
80°	1379	1383	1369
85°	1027	1052	1051



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	208.3	2.6
10°-20°	618.0	7.8
20°-30°	999.0	12.7
30°-40°	1308.5	16.6
40°-50°	1471.8	18.6
50°-60°	1408.4	17.8
60°-70°	1098.4	13.9
70°-80°	619.0	7.8
80°-90°	153.2	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°	1825.3	23.1
0°-40°	3133.8	39.7
0°-60°	6014.0	76.2
0°-90°	7884.6	99.9
90°-120°	3.0	0.0
90°-150°	8.7	0.1
90°-180°	10.0	0.1
0°-180°	7895.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2180	2180	2180	2180	2180	
5°	2182	2183	2182	2182	2182	208
15°	2187	2187	2181	2177	2174	620
25°	2178	2174	2161	2149	2144	1007
35°	2112	2105	2088	2075	2069	1322
45°	1932	1924	1908	1899	1892	1488
55°	1598	1589	1578	1571	1566	1424
65°	1124	1119	1111	1108	1106	1109
75°	588	588	584	583	581	623
85°	125	127	128	129	128	145
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	3	2	0
180°	2	2	2	2	2	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2180.4	2180.4	2180.4	2180.4	2180.4
0.5°	2179.8	2181.4	2182.0	2181.4	2180.4
1°	2180.4	2181.4	2182.0	2182.0	2180.9
1.5°	2180.9	2182.0	2182.0	2182.0	2181.4
2°	2180.9	2182.0	2182.0	2182.5	2181.4
2.5°	2181.4	2182.5	2182.5	2182.5	2181.4
3°	2182.0	2182.5	2182.5	2182.5	2182.0
3.5°	2182.0	2182.5	2182.5	2182.5	2182.0
4°	2182.5	2182.5	2182.5	2182.5	2182.0
4.5°	2182.5	2183.0	2182.5	2182.5	2182.0
5°	2182.5	2183.0	2182.5	2182.5	2182.0
5.5°	2182.5	2183.0	2182.5	2182.5	2182.0
6°	2183.0	2183.0	2182.5	2182.5	2181.4
6.5°	2183.0	2183.6	2183.0	2182.5	2181.4
7°	2183.0	2183.6	2182.5	2182.5	2181.4
7.5°	2183.0	2183.6	2182.5	2182.0	2180.9
8°	2183.6	2183.6	2183.0	2182.0	2180.9
8.5°	2183.6	2184.1	2182.5	2182.0	2180.4
9°	2184.1	2184.1	2183.0	2181.4	2180.4
9.5°	2184.1	2184.6	2182.5	2181.4	2179.8
10°	2184.6	2184.6	2182.5	2180.9	2179.3
10.5°	2185.2	2185.2	2182.5	2180.9	2179.3
11°	2185.2	2185.2	2182.5	2180.4	2178.8
11.5°	2185.7	2185.7	2182.5	2179.8	2178.2
12°	2185.7	2185.7	2182.5	2179.8	2177.7
12.5°	2186.2	2185.7	2182.0	2179.3	2177.2
13°	2186.2	2185.7	2182.0	2178.8	2176.6
13.5°	2186.8	2186.2	2182.0	2178.2	2176.1
14°	2186.8	2186.2	2182.0	2177.7	2175.1
14.5°	2187.3	2186.2	2181.4	2177.2	2174.5
15°	2187.3	2186.8	2181.4	2176.6	2174.0
15.5°	2187.8	2186.8	2180.9	2175.6	2172.9
16°	2187.3	2186.8	2180.4	2175.1	2171.9
16.5°	2187.8	2186.8	2180.4	2174.0	2170.8
17°	2187.8	2186.2	2179.8	2172.9	2170.3
17.5°	2187.8	2186.2	2178.8	2172.4	2169.2
18°	2187.8	2186.2	2178.2	2171.3	2167.6
18.5°	2187.8	2185.7	2177.7	2170.3	2166.5
19°	2187.3	2185.7	2177.2	2169.2	2165.5
19.5°	2187.3	2185.2	2176.1	2167.6	2163.9
20°	2186.8	2184.6	2175.1	2166.5	2162.8
20.5°	2186.2	2184.1	2174.5	2165.5	2161.2
21°	2186.2	2183.6	2173.5	2163.9	2159.6



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	2184.1	2180.9	2169.7	2159.1	2154.3
23°	2183.0	2179.8	2168.1	2157.5	2152.7
23.5°	2182.0	2178.8	2166.5	2155.4	2150.6
24°	2180.9	2177.7	2164.9	2153.2	2148.5
24.5°	2179.8	2176.1	2163.4	2151.1	2146.3
25°	2178.2	2174.5	2161.2	2149.0	2144.2
25.5°	2176.6	2172.9	2159.1	2146.9	2141.5
26°	2175.1	2171.3	2157.0	2144.7	2139.4
26.5°	2173.5	2169.2	2154.8	2142.1	2136.8
27°	2171.3	2167.1	2152.2	2139.4	2134.1
27.5°	2169.2	2164.9	2149.5	2136.8	2131.4
28°	2167.1	2162.3	2146.9	2134.1	2128.8
28.5°	2164.4	2159.6	2144.2	2130.9	2125.6
29°	2161.8	2157.0	2141.0	2127.7	2122.4
29.5°	2159.1	2153.8	2137.8	2124.5	2118.7
30°	2155.9	2150.6	2134.1	2120.8	2115.0
30.5°	2152.7	2147.4	2130.4	2117.1	2111.8
31°	2149.0	2143.7	2126.7	2113.4	2107.5
31.5°	2145.8	2140.0	2122.4	2109.6	2103.8
32°	2141.5	2135.7	2118.7	2105.4	2099.5
32.5°	2137.3	2131.4	2113.9	2100.6	2094.8
33°	2133.0	2126.7	2109.1	2096.3	2090.0
33.5°	2128.3	2121.9	2104.3	2091.6	2085.2
34°	2122.9	2116.6	2099.0	2086.2	2080.4
34.5°	2117.6	2111.2	2093.7	2080.9	2075.1
35°	2112.3	2105.4	2087.8	2075.1	2069.2
35.5°	2106.4	2099.5	2082.0	2069.2	2063.4
36°	2100.6	2093.2	2075.6	2063.4	2057.0
36.5°	2093.7	2086.8	2069.2	2057.0	2051.1
37°	2086.8	2079.9	2062.3	2050.1	2044.2
37.5°	2079.9	2072.4	2055.4	2043.2	2036.8
38°	2072.4	2065.5	2048.0	2036.3	2029.9
38.5°	2065.0	2057.5	2040.0	2028.3	2022.4
39°	2057.0	2049.0	2032.0	2020.8	2014.4
39.5°	2048.5	2040.5	2024.0	2012.3	2006.5
40°	2039.4	2032.0	2015.0	2003.8	1998.0
40.5°	2030.9	2023.0	2005.9	1995.3	1988.9
41°	2021.4	2013.4	1996.9	1985.7	1979.4
41.5°	2011.3	2003.3	1986.8	1976.2	1969.8
42°	2001.2	1993.2	1976.7	1966.6	1959.7
42.5°	1990.5	1982.5	1966.1	1956.0	1949.6
43°	1979.9	1971.4	1955.4	1945.3	1938.9
43.5°	1968.7	1960.2	1944.3	1934.1	1927.8



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	1932.0	1923.5	1908.1	1899.0	1892.1
45.5°	1919.3	1910.2	1895.3	1886.3	1879.9
46°	1906.0	1896.9	1882.0	1873.0	1866.6
46.5°	1892.1	1883.1	1868.7	1859.7	1853.3
47°	1877.8	1869.3	1854.4	1846.4	1839.5
47.5°	1863.4	1854.4	1840.0	1832.0	1825.1
48°	1849.1	1839.5	1825.7	1817.2	1810.2
48.5°	1833.6	1824.6	1810.8	1802.8	1796.4
49°	1817.2	1808.6	1794.8	1786.3	1780.5
49.5°	1801.2	1792.7	1778.9	1770.9	1764.5
50°	1784.7	1775.7	1762.9	1754.9	1748.6
50.5°	1767.7	1758.7	1745.9	1737.9	1732.1
51°	1750.7	1741.6	1728.9	1720.9	1714.5
51.5°	1732.6	1723.6	1710.8	1703.3	1697.5
52°	1714.5	1705.5	1692.7	1685.8	1679.9
52.5°	1696.4	1687.4	1674.6	1667.2	1661.9
53°	1676.8	1668.2	1656.5	1649.6	1643.8
53.5°	1657.1	1648.6	1636.9	1630.0	1624.6
54°	1637.4	1628.9	1617.2	1610.3	1605.5
54.5°	1618.3	1609.2	1598.1	1591.1	1586.4
55°	1597.5	1589.0	1577.8	1570.9	1566.1
55.5°	1576.8	1568.3	1557.1	1550.2	1545.9
56°	1555.0	1547.0	1535.8	1530.0	1525.7
56.5°	1533.2	1525.7	1514.6	1508.7	1504.5
57°	1511.9	1503.9	1493.3	1488.0	1483.7
57.5°	1490.6	1482.1	1471.5	1466.2	1461.9
58°	1467.2	1459.3	1449.1	1443.8	1440.1
58.5°	1444.4	1436.9	1426.3	1421.5	1417.8
59°	1421.5	1414.0	1403.9	1399.2	1395.4
59.5°	1397.6	1390.7	1380.5	1375.8	1372.0
60°	1374.2	1366.7	1357.1	1352.9	1349.2
60.5°	1350.2	1343.9	1333.7	1329.5	1325.8
61°	1325.8	1319.4	1309.8	1305.6	1301.8
61.5°	1300.8	1295.5	1285.9	1281.6	1278.4
62°	1276.3	1271.0	1261.4	1257.7	1254.5
62.5°	1251.3	1246.0	1236.4	1232.7	1229.5
63°	1226.3	1221.0	1212.0	1208.2	1205.1
63.5°	1200.8	1195.5	1187.0	1183.2	1180.1
64°	1175.3	1170.0	1160.9	1158.3	1154.5
64.5°	1149.7	1144.4	1135.4	1132.7	1129.5
65°	1123.7	1119.4	1110.9	1107.7	1105.6
65.5°	1098.2	1092.8	1084.9	1082.2	1079.0
66°	1071.0	1066.8	1058.8	1056.1	1054.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	992.3	987.5	980.6	978.0	975.3
68°	965.2	961.0	954.0	951.9	949.3
68.5°	938.1	933.8	926.9	925.3	923.7
69°	911.0	906.7	900.9	899.3	897.1
69.5°	884.4	880.1	874.8	873.2	870.6
70°	857.3	853.5	848.2	846.6	844.0
70.5°	830.1	826.4	821.6	820.0	817.4
71°	803.0	799.8	795.6	793.4	790.8
71.5°	776.4	773.2	768.4	766.9	764.7
72°	749.3	746.6	741.9	740.8	738.1
72.5°	722.2	720.1	715.3	714.2	712.1
73°	695.1	692.9	688.1	687.1	685.5
73.5°	668.5	666.3	662.1	660.5	658.9
74°	641.9	640.3	636.0	635.0	632.8
74.5°	614.8	613.7	610.0	608.4	606.8
75°	587.6	587.6	583.9	582.9	581.3
75.5°	561.6	561.6	557.9	556.8	555.2
76°	535.5	535.5	531.8	530.8	528.7
76.5°	509.2	509.4	506.3	505.2	503.4
77°	484.0	484.2	481.4	479.9	478.2
77.5°	457.0	458.3	456.0	454.7	452.9
78°	431.9	433.5	431.1	430.1	428.6
78.5°	408.2	409.2	407.6	406.4	404.3
79°	383.3	384.1	383.1	382.0	380.0
79.5°	358.9	360.2	359.5	358.5	356.2
80°	335.4	336.4	336.5	335.1	332.9
80.5°	310.7	312.7	313.0	311.6	310.5
81°	287.9	289.8	290.3	289.5	288.0
81.5°	265.5	267.7	268.1	267.7	265.7
82°	243.0	245.6	246.4	246.1	243.9
82.5°	221.5	224.5	225.3	225.0	223.0
83°	200.6	203.9	204.7	205.0	203.1
83.5°	180.5	183.6	184.6	184.9	182.9
84°	161.1	163.9	165.2	165.7	164.1
84.5°	142.7	145.0	146.5	147.2	146.4
85°	125.4	127.0	128.4	129.4	128.3
85.5°	108.6	109.9	110.9	112.4	111.5
86°	93.0	94.2	95.0	96.1	96.1
86.5°	78.1	78.7	79.2	80.6	80.6
87°	63.8	63.9	64.1	65.8	65.9
87.5°	49.2	49.7	49.9	51.4	52.0
88°	34.7	35.9	36.3	37.7	37.6
88.5°	24.6	24.6	24.5	26.0	26.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	1.2	1.1	1.2	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°	0.9	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	0.9	0.9	0.9	0.7
105°	1.0	0.9	0.8	0.9	0.9
105.5°	0.9	0.7	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°	1.1	1.0	1.1	1.1	1.0
110°	1.1	1.1	1.1	1.1	1.1
110.5°	1.1	1.1	1.1	1.1	1.2
111°	1.1	1.2	1.2	1.2	1.1



TEST NUMBER: P#

CATALOG NUMBER: 44ID-90-L940-CFR2

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°	1.8	1.6	1.7	1.6	1.5
116°	1.7	1.8	1.8	1.7	1.6
116.5°	1.8	1.8	1.8	1.8	1.8
117°	1.9	1.9	1.9	1.9	1.7
117.5°	2.0	1.9	2.0	1.9	1.8
118°	2.0	2.0	2.1	2.0	1.9
118.5°	2.2	2.1	2.1	2.0	2.0
119°	2.2	2.2	2.2	2.1	2.1
119.5°	2.2	2.2	2.2	2.2	2.1
120°	2.3	2.3	2.3	2.2	2.3
120.5°	2.4	2.3	2.4	2.3	2.3
121°	2.4	2.4	2.4	2.4	2.3
121.5°	2.7	2.6	2.5	2.4	2.4
122°	2.5	2.7	2.6	2.5	2.6
122.5°	2.7	2.7	2.6	2.6	2.5
123°	2.8	2.8	2.7	2.7	2.6
123.5°	2.8	2.9	2.7	2.6	2.7
124°	2.8	2.9	2.8	2.7	2.7
124.5°	3.0	2.9	2.8	2.8	2.8
125°	3.1	3.0	2.9	2.9	2.9
125.5°	3.1	3.0	2.9	2.9	2.9
126°	3.1	3.0	2.9	2.9	2.9
126.5°	3.0	3.0	3.1	2.9	3.0
127°	3.1	3.1	3.0	2.9	2.9
127.5°	3.2	3.1	3.1	2.9	2.9
128°	3.2	3.0	3.0	2.9	3.0
128.5°	3.1	3.1	3.0	2.9	3.0
129°	3.0	3.0	3.0	2.9	2.9
129.5°	3.0	3.0	3.0	2.9	2.9
130°	3.0	3.0	2.9	2.8	2.9
130.5°	3.1	3.0	3.0	2.7	2.9
131°	2.9	2.9	2.9	2.8	2.8
131.5°	3.0	2.9	2.8	2.7	2.8
132°	2.9	2.8	2.8	2.7	2.7
132.5°	2.9	2.8	2.8	2.7	2.8
133°	2.8	2.7	2.7	2.6	2.7
133.5°	2.9	2.7	2.6	2.5	2.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-90-L940-CFR2

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-90-L940-CFR2

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-90-L940-CFR2

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°	2185.7	2183.0	2172.4	2162.3	2158.0
22°	2184.6	2182.0	2170.8	2160.7	2156.4



44°	1956.5	1948.5	1932.6	1923.0	1916.6
44.5°	1944.3	1935.7	1920.9	1910.7	1904.4



66.5°	1045.0	1040.7	1032.8	1030.1	1027.4
67°	1018.9	1014.1	1006.7	1004.0	1001.9



89°	15.5	15.3	15.1	15.9	16.1
89.5°	6.9	7.0	6.8	7.3	7.2



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



134°	2.7	2.7	2.6	2.6	2.7
134.5°	2.8	2.6	2.6	2.4	2.6



156.5°	2.1	1.9	2.0	2.0	2.1
157°	2.0	1.9	2.0	2.0	2.1



179°	2.3	2.2	2.1	2.2	2.3
179.5°	2.0	2.1	2.1	2.0	2.2



(END OF REPORT)