

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-L935-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-L935-CFR2
Description: 9000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS
AND 3500K CCT, 90CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

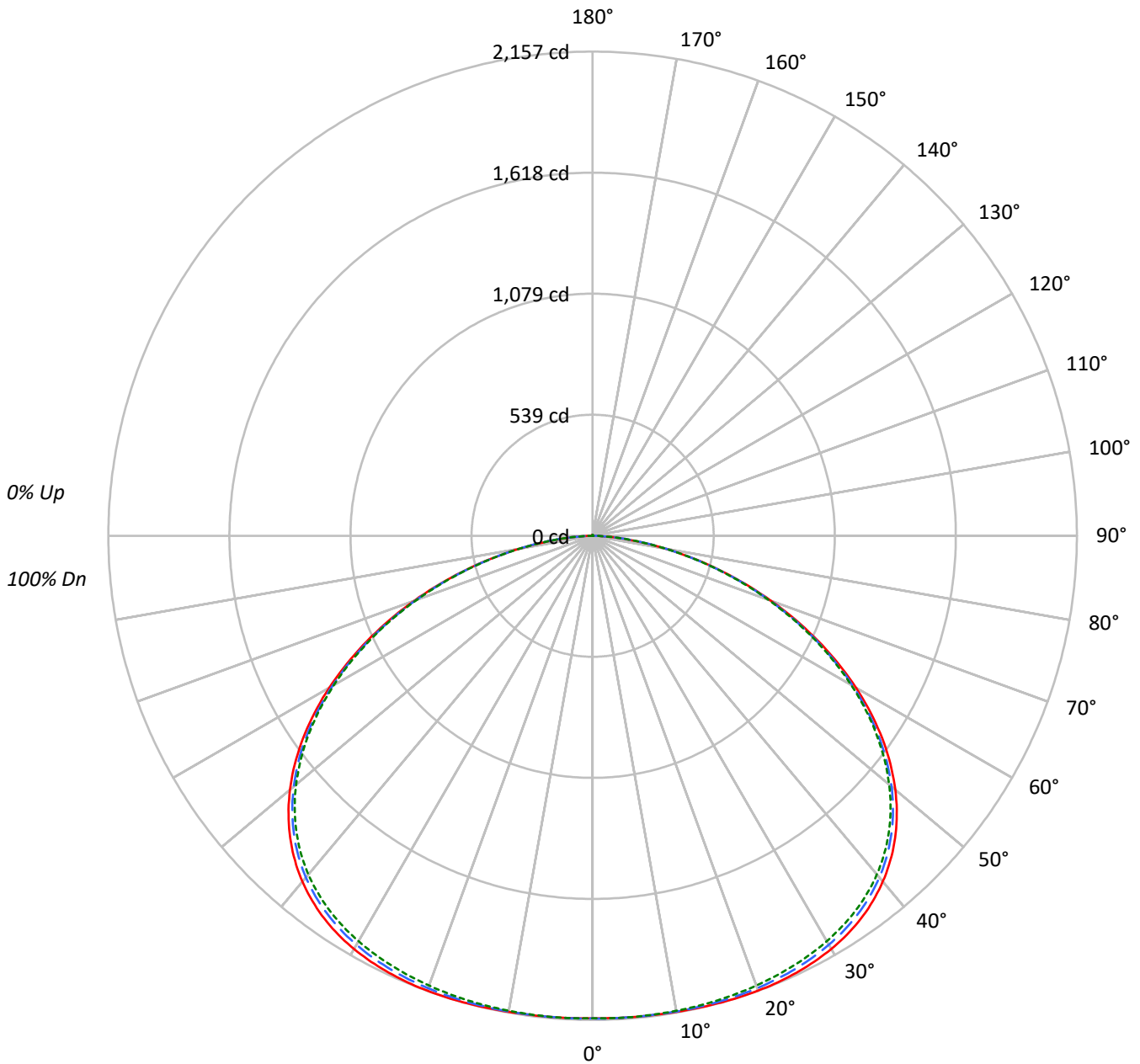
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7784.0 lumens
Efficiency: N/A
Efficacy: 112.2 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 (A_{in}): 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°	1535	1535	1535
5°	1542	1542	1542
10°	1561	1560	1558
15°	1594	1590	1584
20°	1638	1629	1620
25°	1692	1678	1665
30°	1752	1734	1719
35°	1815	1794	1778
40°	1874	1851	1836
45°	1923	1899	1883
50°	1954	1930	1915
55°	1960	1936	1922
60°	1934	1911	1899
65°	1871	1850	1841
70°	1764	1746	1737
75°	1598	1588	1581
80°	1360	1364	1349
85°	1012	1037	1036



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	205.4	2.6
10°-20°	609.3	7.8
20°-30°	985.0	12.7
30°-40°	1290.1	16.6
40°-50°	1451.1	18.6
50°-60°	1388.6	17.8
60°-70°	1083.0	13.9
70°-80°	610.3	7.8
80°-90°	151.0	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°	1799.7	23.1
0°-40°	3089.7	39.7
0°-60°	5929.4	76.2
0°-90°	7773.7	99.9
90°-120°	3.0	0.0
90°-150°	8.6	0.1
90°-180°	10.0	0.1
0°-180°	7784.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2150	2150	2150	2150	2150	
5°	2152	2152	2152	2152	2151	205
15°	2156	2156	2151	2146	2143	611
25°	2148	2144	2131	2119	2114	993
35°	2083	2076	2058	2046	2040	1304
45°	1905	1896	1881	1872	1866	1467
55°	1575	1567	1556	1549	1544	1404
65°	1108	1104	1095	1092	1090	1094
75°	579	579	576	575	573	614
85°	124	125	127	128	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°	2149.7	2149.7	2149.7	2149.7	2149.7
0.5°	2149.2	2150.8	2151.3	2150.8	2149.7
1°	2149.7	2150.8	2151.3	2151.3	2150.2
1.5°	2150.2	2151.3	2151.3	2151.3	2150.8
2°	2150.2	2151.3	2151.3	2151.8	2150.8
2.5°	2150.8	2151.8	2151.8	2151.8	2150.8
3°	2151.3	2151.8	2151.8	2151.8	2151.3
3.5°	2151.3	2151.8	2151.8	2151.8	2151.3
4°	2151.8	2151.8	2151.8	2151.8	2151.3
4.5°	2151.8	2152.3	2151.8	2151.8	2151.3
5°	2151.8	2152.3	2151.8	2151.8	2151.3
5.5°	2151.8	2152.3	2151.8	2151.8	2151.3
6°	2152.3	2152.3	2151.8	2151.8	2150.8
6.5°	2152.3	2152.9	2152.3	2151.8	2150.8
7°	2152.3	2152.9	2151.8	2151.8	2150.8
7.5°	2152.3	2152.9	2151.8	2151.3	2150.2
8°	2152.9	2152.9	2152.3	2151.3	2150.2
8.5°	2152.9	2153.4	2151.8	2151.3	2149.7
9°	2153.4	2153.4	2152.3	2150.8	2149.7
9.5°	2153.4	2153.9	2151.8	2150.8	2149.2
10°	2153.9	2153.9	2151.8	2150.2	2148.7
10.5°	2154.4	2154.4	2151.8	2150.2	2148.7
11°	2154.4	2154.4	2151.8	2149.7	2148.1
11.5°	2155.0	2155.0	2151.8	2149.2	2147.6
12°	2155.0	2155.0	2151.8	2149.2	2147.1
12.5°	2155.5	2155.0	2151.3	2148.7	2146.6
13°	2155.5	2155.0	2151.3	2148.1	2146.0
13.5°	2156.0	2155.5	2151.3	2147.6	2145.5
14°	2156.0	2155.5	2151.3	2147.1	2144.5
14.5°	2156.5	2155.5	2150.8	2146.6	2143.9
15°	2156.5	2156.0	2150.8	2146.0	2143.4
15.5°	2157.1	2156.0	2150.2	2145.0	2142.4
16°	2156.5	2156.0	2149.7	2144.5	2141.3
16.5°	2157.1	2156.0	2149.7	2143.4	2140.3
17°	2157.1	2155.5	2149.2	2142.4	2139.8
17.5°	2157.1	2155.5	2148.1	2141.8	2138.7
18°	2157.1	2155.5	2147.6	2140.8	2137.1
18.5°	2157.1	2155.0	2147.1	2139.8	2136.1
19°	2156.5	2155.0	2146.6	2138.7	2135.0
19.5°	2156.5	2154.4	2145.5	2137.1	2133.5
20°	2156.0	2153.9	2144.5	2136.1	2132.4
20.5°	2155.5	2153.4	2143.9	2135.0	2130.8
21°	2155.5	2152.9	2142.9	2133.5	2129.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	2153.4	2150.2	2139.2	2128.7	2124.0
23°	2152.3	2149.2	2137.7	2127.2	2122.5
23.5°	2151.3	2148.1	2136.1	2125.1	2120.4
24°	2150.2	2147.1	2134.5	2123.0	2118.3
24.5°	2149.2	2145.5	2132.9	2120.9	2116.2
25°	2147.6	2143.9	2130.8	2118.8	2114.1
25.5°	2146.0	2142.4	2128.7	2116.7	2111.4
26°	2144.5	2140.8	2126.6	2114.6	2109.3
26.5°	2142.9	2138.7	2124.5	2112.0	2106.7
27°	2140.8	2136.6	2121.9	2109.3	2104.1
27.5°	2138.7	2134.5	2119.3	2106.7	2101.5
28°	2136.6	2131.9	2116.7	2104.1	2098.9
28.5°	2134.0	2129.3	2114.1	2101.0	2095.7
29°	2131.4	2126.6	2110.9	2097.8	2092.6
29.5°	2128.7	2123.5	2107.8	2094.7	2088.9
30°	2125.6	2120.4	2104.1	2091.0	2085.2
30.5°	2122.5	2117.2	2100.4	2087.3	2082.1
31°	2118.8	2113.5	2096.8	2083.7	2077.9
31.5°	2115.6	2109.9	2092.6	2080.0	2074.2
32°	2111.4	2105.7	2088.9	2075.8	2070.0
32.5°	2107.2	2101.5	2084.2	2071.1	2065.3
33°	2103.1	2096.8	2079.5	2066.9	2060.6
33.5°	2098.3	2092.0	2074.7	2062.2	2055.9
34°	2093.1	2086.8	2069.5	2056.9	2051.1
34.5°	2087.8	2081.6	2064.3	2051.7	2045.9
35°	2082.6	2075.8	2058.5	2045.9	2040.1
35.5°	2076.8	2070.0	2052.7	2040.1	2034.4
36°	2071.1	2063.7	2046.4	2034.4	2028.1
36.5°	2064.3	2057.4	2040.1	2028.1	2022.3
37°	2057.4	2050.6	2033.3	2021.3	2015.5
37.5°	2050.6	2043.3	2026.5	2014.4	2008.1
38°	2043.3	2036.5	2019.2	2007.6	2001.3
38.5°	2035.9	2028.6	2011.3	1999.8	1994.0
39°	2028.1	2020.2	2003.4	1992.4	1986.1
39.5°	2019.7	2011.8	1995.6	1984.0	1978.3
40°	2010.8	2003.4	1986.7	1975.6	1969.9
40.5°	2002.4	1994.5	1977.7	1967.3	1961.0
41°	1992.9	1985.1	1968.8	1957.8	1951.5
41.5°	1983.0	1975.1	1958.9	1948.4	1942.1
42°	1973.0	1965.2	1948.9	1938.9	1932.1
42.5°	1962.5	1954.7	1938.4	1928.5	1922.2
43°	1952.0	1943.7	1927.9	1918.0	1911.7
43.5°	1941.0	1932.6	1916.9	1907.0	1900.7



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	1904.9	1896.5	1881.3	1872.3	1865.5
45.5°	1892.3	1883.4	1868.7	1859.8	1853.5
46°	1879.2	1870.3	1855.6	1846.7	1840.4
46.5°	1865.5	1856.6	1842.5	1833.5	1827.3
47°	1851.4	1843.0	1828.3	1820.4	1813.6
47.5°	1837.2	1828.3	1814.1	1806.3	1799.5
48°	1823.1	1813.6	1800.0	1791.6	1784.8
48.5°	1807.9	1798.9	1785.3	1777.4	1771.2
49°	1791.6	1783.2	1769.6	1761.2	1755.4
49.5°	1775.9	1767.5	1753.9	1746.0	1739.7
50°	1759.6	1750.7	1738.1	1730.3	1724.0
50.5°	1742.8	1733.9	1721.3	1713.5	1707.7
51°	1726.1	1717.2	1704.6	1696.7	1690.4
51.5°	1708.2	1699.3	1686.7	1679.4	1673.6
52°	1690.4	1681.5	1668.9	1662.1	1656.3
52.5°	1672.6	1663.7	1651.1	1643.7	1638.5
53°	1653.2	1644.8	1633.3	1626.4	1620.7
53.5°	1633.8	1625.4	1613.9	1607.0	1601.8
54°	1614.4	1606.0	1594.5	1587.6	1582.9
54.5°	1595.5	1586.6	1575.6	1568.8	1564.0
55°	1575.1	1566.7	1555.7	1548.8	1544.1
55.5°	1554.6	1546.2	1535.2	1528.4	1524.2
56°	1533.1	1525.2	1514.2	1508.5	1504.3
56.5°	1511.6	1504.3	1493.3	1487.5	1483.3
57°	1490.6	1482.8	1472.3	1467.0	1462.9
57.5°	1469.7	1461.3	1450.8	1445.6	1441.4
58°	1446.6	1438.7	1428.8	1423.5	1419.9
58.5°	1424.1	1416.7	1406.2	1401.5	1397.8
59°	1401.5	1394.2	1384.2	1379.5	1375.8
59.5°	1377.9	1371.1	1361.1	1356.4	1352.7
60°	1354.8	1347.5	1338.1	1333.9	1330.2
60.5°	1331.3	1325.0	1315.0	1310.8	1307.1
61°	1307.1	1300.8	1291.4	1287.2	1283.5
61.5°	1282.5	1277.2	1267.8	1263.6	1260.5
62°	1258.4	1253.1	1243.7	1240.0	1236.9
62.5°	1233.7	1228.5	1219.0	1215.4	1212.2
63°	1209.1	1203.8	1194.9	1191.3	1188.1
63.5°	1183.9	1178.7	1170.3	1166.6	1163.5
64°	1158.7	1153.5	1144.6	1142.0	1138.3
64.5°	1133.6	1128.3	1119.4	1116.8	1113.7
65°	1107.9	1103.7	1095.3	1092.2	1090.1
65.5°	1082.7	1077.5	1069.6	1067.0	1063.8
66°	1056.0	1051.8	1043.9	1041.3	1039.2



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	978.4	973.7	966.8	964.2	961.6
68°	951.6	947.4	940.6	938.5	935.9
68.5°	924.9	920.7	913.9	912.3	910.7
69°	898.2	894.0	888.2	886.6	884.5
69.5°	871.9	867.8	862.5	860.9	858.3
70°	845.2	841.5	836.3	834.7	832.1
70.5°	818.5	814.8	810.1	808.5	805.9
71°	791.7	788.6	784.4	782.3	779.7
71.5°	765.5	762.4	757.6	756.1	754.0
72°	738.8	736.1	731.4	730.4	727.8
72.5°	712.0	709.9	705.2	704.2	702.1
73°	685.3	683.2	678.5	677.4	675.8
73.5°	659.1	657.0	652.8	651.2	649.6
74°	632.9	631.3	627.1	626.0	623.9
74.5°	606.1	605.1	601.4	599.8	598.2
75°	579.4	579.4	575.7	574.7	573.1
75.5°	553.7	553.7	550.0	549.0	547.4
76°	528.0	528.0	524.3	523.3	521.2
76.5°	502.0	502.2	499.2	498.1	496.3
77°	477.2	477.4	474.6	473.2	471.5
77.5°	450.6	451.9	449.6	448.3	446.6
78°	425.8	427.4	425.0	424.0	422.6
78.5°	402.4	403.4	401.9	400.7	398.6
79°	377.9	378.7	377.7	376.7	374.7
79.5°	353.8	355.1	354.4	353.5	351.2
80°	330.7	331.6	331.8	330.4	328.2
80.5°	306.4	308.3	308.6	307.2	306.1
81°	283.9	285.7	286.2	285.4	283.9
81.5°	261.7	263.9	264.4	263.9	262.0
82°	239.6	242.2	243.0	242.6	240.5
82.5°	218.4	221.3	222.2	221.8	219.9
83°	197.8	201.0	201.8	202.1	200.3
83.5°	178.0	181.0	182.0	182.3	180.4
84°	158.9	161.6	162.9	163.4	161.8
84.5°	140.7	142.9	144.5	145.1	144.3
85°	123.6	125.2	126.6	127.6	126.5
85.5°	107.1	108.3	109.4	110.8	110.0
86°	91.7	92.9	93.6	94.8	94.8
86.5°	77.0	77.5	78.1	79.5	79.5
87°	62.9	63.0	63.2	64.9	65.0
87.5°	48.6	49.0	49.2	50.7	51.2
88°	34.2	35.4	35.8	37.2	37.1
88.5°	24.2	24.2	24.2	25.6	25.9



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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°	0.8	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	1.2
111°	1.1	1.2	1.2	1.2	1.1



TEST NUMBER: P#

CATALOG NUMBER: 44ID-90-L935-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°	1.7	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	2.3	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°	2.6	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-90-L935-CFR2

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	2.3	2.5
136.5°	2.6	2.5	2.4	2.3	2.5
137°	2.5	2.4	2.4	2.3	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	2.3	2.1	2.3
139°	2.1	2.3	2.2	2.0	2.3
139.5°	2.3	2.1	2.1	2.0	2.3
140°	2.3	2.1	2.1	2.0	2.1
140.5°	2.3	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-90-L935-CFR2

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	2.3	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	2.3
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	2.3
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	2.5	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	2.3	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-L935-CFR2

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°	2155.0	2152.3	2141.8	2131.9	2127.7
22°	2153.9	2151.3	2140.3	2130.3	2126.1



44°	1929.0	1921.1	1905.4	1895.9	1889.7
44.5°	1916.9	1908.5	1893.8	1883.9	1877.6



66.5°	1030.3	1026.1	1018.2	1015.6	1013.0
67°	1004.6	999.9	992.5	989.9	987.8



89°	15.3	15.0	14.9	15.7	15.9
89.5°	6.8	6.9	6.7	7.2	7.1



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	2.6	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°	2.3	2.2	2.1	2.1	2.3
179.5°	2.0	2.1	2.0	2.0	2.1



(END OF REPORT)