

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-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-80-L830-CFR2
Description: 8000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS
AND 3000K CCT, 80CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

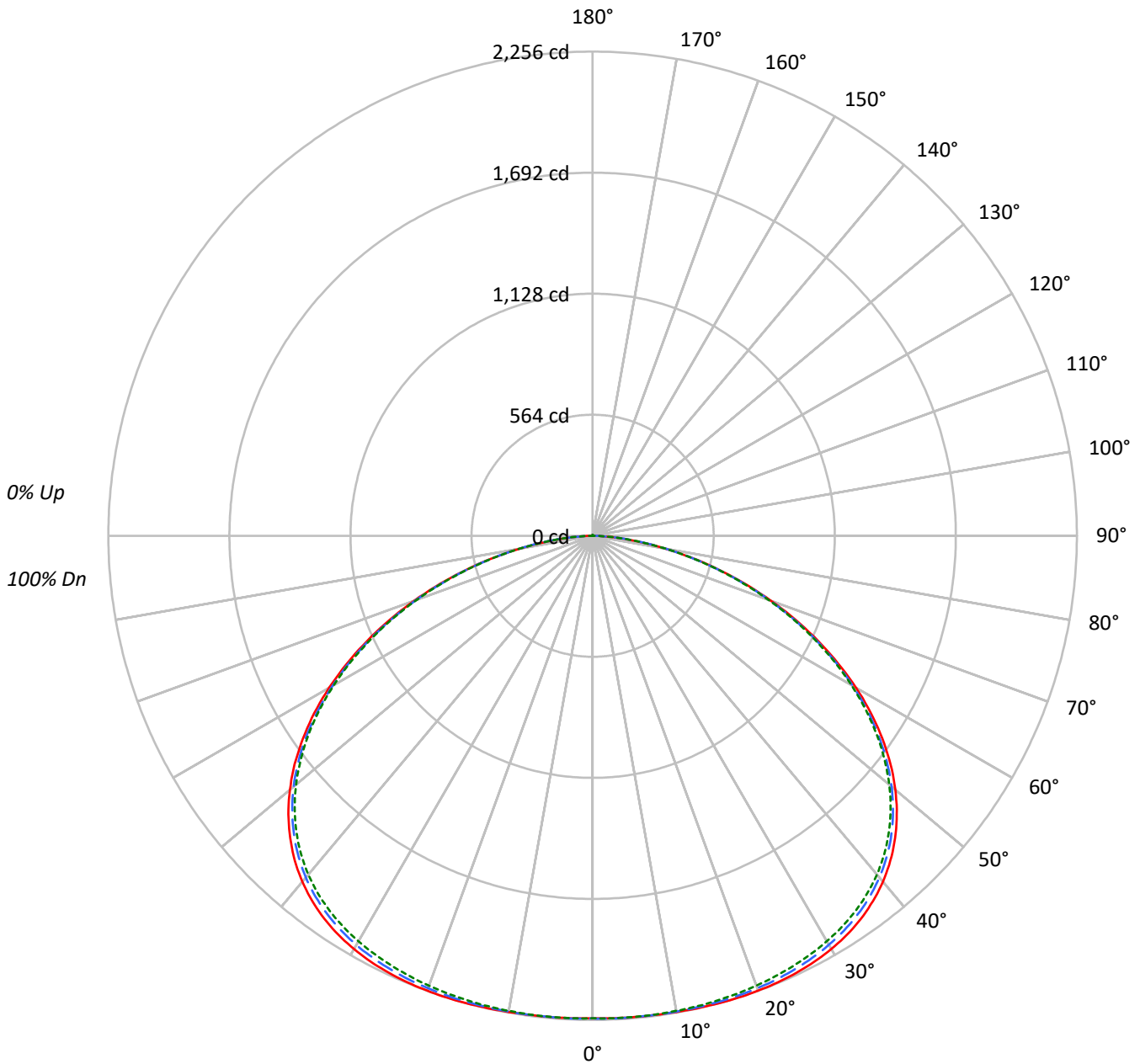
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8143.0 lumens
Efficiency: N/A
Efficacy: 128.4 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): 63.4
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				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°	1605	1605	1605
5°	1613	1613	1613
10°	1633	1632	1629
15°	1667	1663	1657
20°	1713	1704	1695
25°	1770	1756	1742
30°	1833	1814	1798
35°	1899	1877	1860
40°	1960	1937	1920
45°	2012	1987	1970
50°	2044	2019	2003
55°	2051	2026	2010
60°	2024	1999	1987
65°	1958	1936	1926
70°	1846	1826	1817
75°	1672	1661	1654
80°	1422	1427	1412
85°	1059	1085	1084



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	214.9	2.6
10°-20°	637.4	7.8
20°-30°	1030.4	12.7
30°-40°	1349.6	16.6
40°-50°	1518.0	18.6
50°-60°	1452.6	17.8
60°-70°	1132.9	13.9
70°-80°	638.5	7.8
80°-90°	158.0	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°	2.0	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°	1882.7	23.1
0°-40°	3232.2	39.7
0°-60°	6202.9	76.2
0°-90°	8132.2	99.9
90°-120°	3.1	0.0
90°-150°	9.0	0.1
90°-180°	11.0	0.1
0°-180°	8143.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2249	2249	2249	2249	2249	
5°	2251	2252	2251	2251	2250	215
15°	2256	2255	2250	2245	2242	639
25°	2247	2243	2229	2216	2212	1038
35°	2179	2172	2153	2140	2134	1364
45°	1993	1984	1968	1959	1952	1535
55°	1648	1639	1627	1620	1615	1469
65°	1159	1155	1146	1142	1140	1144
75°	606	606	602	601	600	642
85°	129	131	132	134	132	150
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	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°	2248.9	2248.9	2248.9	2248.9	2248.9
0.5°	2248.3	2250.0	2250.5	2250.0	2248.9
1°	2248.9	2250.0	2250.5	2250.5	2249.4
1.5°	2249.4	2250.5	2250.5	2250.5	2250.0
2°	2249.4	2250.5	2250.5	2251.1	2250.0
2.5°	2250.0	2251.1	2251.1	2251.1	2250.0
3°	2250.5	2251.1	2251.1	2251.1	2250.5
3.5°	2250.5	2251.1	2251.1	2251.1	2250.5
4°	2251.1	2251.1	2251.1	2251.1	2250.5
4.5°	2251.1	2251.6	2251.1	2251.1	2250.5
5°	2251.1	2251.6	2251.1	2251.1	2250.5
5.5°	2251.1	2251.6	2251.1	2251.1	2250.5
6°	2251.6	2251.6	2251.1	2251.1	2250.0
6.5°	2251.6	2252.2	2251.6	2251.1	2250.0
7°	2251.6	2252.2	2251.1	2251.1	2250.0
7.5°	2251.6	2252.2	2251.1	2250.5	2249.4
8°	2252.2	2252.2	2251.6	2250.5	2249.4
8.5°	2252.2	2252.7	2251.1	2250.5	2248.9
9°	2252.7	2252.7	2251.6	2250.0	2248.9
9.5°	2252.7	2253.2	2251.1	2250.0	2248.3
10°	2253.2	2253.2	2251.1	2249.4	2247.8
10.5°	2253.8	2253.8	2251.1	2249.4	2247.8
11°	2253.8	2253.8	2251.1	2248.9	2247.2
11.5°	2254.3	2254.3	2251.1	2248.3	2246.7
12°	2254.3	2254.3	2251.1	2248.3	2246.1
12.5°	2254.9	2254.3	2250.5	2247.8	2245.6
13°	2254.9	2254.3	2250.5	2247.2	2245.0
13.5°	2255.4	2254.9	2250.5	2246.7	2244.5
14°	2255.4	2254.9	2250.5	2246.1	2243.4
14.5°	2256.0	2254.9	2250.0	2245.6	2242.8
15°	2256.0	2255.4	2250.0	2245.0	2242.3
15.5°	2256.5	2255.4	2249.4	2243.9	2241.2
16°	2256.0	2255.4	2248.9	2243.4	2240.1
16.5°	2256.5	2255.4	2248.9	2242.3	2239.0
17°	2256.5	2254.9	2248.3	2241.2	2238.4
17.5°	2256.5	2254.9	2247.2	2240.6	2237.3
18°	2256.5	2254.9	2246.7	2239.5	2235.7
18.5°	2256.5	2254.3	2246.1	2238.4	2234.6
19°	2256.0	2254.3	2245.6	2237.3	2233.5
19.5°	2256.0	2253.8	2244.5	2235.7	2231.9
20°	2255.4	2253.2	2243.4	2234.6	2230.8
20.5°	2254.9	2252.7	2242.8	2233.5	2229.1
21°	2254.9	2252.2	2241.7	2231.9	2227.5



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	2252.7	2249.4	2237.9	2226.9	2222.0
23°	2251.6	2248.3	2236.2	2225.3	2220.3
23.5°	2250.5	2247.2	2234.6	2223.1	2218.1
24°	2249.4	2246.1	2233.0	2220.9	2215.9
24.5°	2248.3	2244.5	2231.3	2218.7	2213.8
25°	2246.7	2242.8	2229.1	2216.5	2211.6
25.5°	2245.0	2241.2	2226.9	2214.3	2208.8
26°	2243.4	2239.5	2224.7	2212.1	2206.6
26.5°	2241.7	2237.3	2222.5	2209.4	2203.9
27°	2239.5	2235.1	2219.8	2206.6	2201.1
27.5°	2237.3	2233.0	2217.0	2203.9	2198.4
28°	2235.1	2230.2	2214.3	2201.1	2195.7
28.5°	2232.4	2227.5	2211.6	2197.8	2192.4
29°	2229.7	2224.7	2208.3	2194.6	2189.1
29.5°	2226.9	2221.4	2205.0	2191.3	2185.2
30°	2223.6	2218.1	2201.1	2187.4	2181.4
30.5°	2220.3	2214.9	2197.3	2183.6	2178.1
31°	2216.5	2211.0	2193.5	2179.7	2173.7
31.5°	2213.2	2207.2	2189.1	2175.9	2169.9
32°	2208.8	2202.8	2185.2	2171.5	2165.5
32.5°	2204.4	2198.4	2180.3	2166.6	2160.6
33°	2200.0	2193.5	2175.4	2162.2	2155.6
33.5°	2195.1	2188.5	2170.4	2157.3	2150.7
34°	2189.6	2183.0	2164.9	2151.8	2145.7
34.5°	2184.1	2177.6	2159.5	2146.3	2140.3
35°	2178.7	2171.5	2153.4	2140.3	2134.2
35.5°	2172.6	2165.5	2147.4	2134.2	2128.2
36°	2166.6	2158.9	2140.8	2128.2	2121.6
36.5°	2159.5	2152.3	2134.2	2121.6	2115.6
37°	2152.3	2145.2	2127.1	2114.5	2108.4
37.5°	2145.2	2137.5	2120.0	2107.3	2100.8
38°	2137.5	2130.4	2112.3	2100.2	2093.6
38.5°	2129.8	2122.2	2104.1	2092.0	2086.0
39°	2121.6	2113.4	2095.8	2084.3	2077.7
39.5°	2112.8	2104.6	2087.6	2075.5	2069.5
40°	2103.5	2095.8	2078.3	2066.8	2060.7
40.5°	2094.7	2086.5	2069.0	2058.0	2051.4
41°	2084.9	2076.6	2059.6	2048.1	2041.5
41.5°	2074.4	2066.2	2049.2	2038.2	2031.7
42°	2064.0	2055.8	2038.8	2028.4	2021.2
42.5°	2053.0	2044.8	2027.8	2017.4	2010.8
43°	2042.1	2033.3	2016.8	2006.4	1999.8
43.5°	2030.6	2021.8	2005.3	1994.9	1988.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	1992.7	1983.9	1968.0	1958.7	1951.6
45.5°	1979.5	1970.2	1954.9	1945.5	1939.0
46°	1965.8	1956.5	1941.2	1931.8	1925.2
46.5°	1951.6	1942.2	1927.4	1918.1	1911.5
47°	1936.8	1928.0	1912.6	1904.4	1897.3
47.5°	1922.0	1912.6	1897.8	1889.6	1882.5
48°	1907.1	1897.3	1883.0	1874.2	1867.1
48.5°	1891.2	1881.9	1867.7	1859.4	1852.8
49°	1874.2	1865.5	1851.2	1842.4	1836.4
49.5°	1857.8	1849.0	1834.7	1826.5	1819.9
50°	1840.8	1831.4	1818.3	1810.1	1803.5
50.5°	1823.2	1813.9	1800.7	1792.5	1786.5
51°	1805.7	1796.3	1783.2	1775.0	1768.4
51.5°	1787.0	1777.7	1764.5	1756.9	1750.8
52°	1768.4	1759.0	1745.9	1738.8	1732.7
52.5°	1749.7	1740.4	1727.2	1719.6	1714.1
53°	1729.4	1720.7	1708.6	1701.5	1695.4
53.5°	1709.1	1700.4	1688.3	1681.2	1675.7
54°	1688.8	1680.1	1668.0	1660.9	1655.9
54.5°	1669.1	1659.8	1648.2	1641.1	1636.2
55°	1647.7	1638.9	1627.4	1620.3	1615.3
55.5°	1626.3	1617.5	1606.0	1598.9	1594.5
56°	1603.8	1595.6	1584.1	1578.0	1573.7
56.5°	1581.3	1573.7	1562.1	1556.1	1551.7
57°	1559.4	1551.2	1540.2	1534.7	1530.3
57.5°	1537.5	1528.7	1517.7	1512.2	1507.8
58°	1513.3	1505.1	1494.7	1489.2	1485.3
58.5°	1489.7	1482.1	1471.1	1466.1	1462.3
59°	1466.1	1458.5	1448.0	1443.1	1439.3
59.5°	1441.5	1434.3	1423.9	1419.0	1415.1
60°	1417.3	1409.7	1399.8	1395.4	1391.6
60.5°	1392.6	1386.1	1375.6	1371.3	1367.4
61°	1367.4	1360.8	1351.0	1346.6	1342.7
61.5°	1341.6	1336.2	1326.3	1321.9	1318.6
62°	1316.4	1310.9	1301.0	1297.2	1293.9
62.5°	1290.6	1285.1	1275.3	1271.4	1268.1
63°	1264.8	1259.4	1250.0	1246.2	1242.9
63.5°	1238.5	1233.0	1224.3	1220.4	1217.1
64°	1212.2	1206.7	1197.4	1194.6	1190.8
64.5°	1185.9	1180.4	1171.1	1168.3	1165.0
65°	1159.0	1154.6	1145.8	1142.5	1140.3
65.5°	1132.7	1127.2	1118.9	1116.2	1112.9
66°	1104.7	1100.3	1092.1	1089.3	1087.1



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	1023.5	1018.6	1011.4	1008.7	1006.0
68°	995.5	991.1	984.0	981.8	979.1
68.5°	967.6	963.2	956.0	954.4	952.7
69°	939.6	935.2	929.2	927.5	925.3
69.5°	912.2	907.8	902.3	900.6	897.9
70°	884.2	880.3	874.9	873.2	870.5
70.5°	856.2	852.4	847.4	845.8	843.0
71°	828.2	824.9	820.6	818.4	815.6
71.5°	800.8	797.5	792.6	790.9	788.7
72°	772.8	770.1	765.2	764.1	761.3
72.5°	744.9	742.7	737.7	736.6	734.4
73°	716.9	714.7	709.8	708.7	707.0
73.5°	689.5	687.3	682.9	681.2	679.6
74°	662.0	660.4	656.0	654.9	652.7
74.5°	634.1	633.0	629.1	627.5	625.8
75°	606.1	606.1	602.3	601.2	599.5
75.5°	579.2	579.2	575.4	574.3	572.6
76°	552.3	552.3	548.5	547.5	545.3
76.5°	525.2	525.4	522.2	521.0	519.2
77°	499.2	499.4	496.5	495.0	493.2
77.5°	471.4	472.7	470.3	469.0	467.2
78°	445.4	447.1	444.6	443.6	442.0
78.5°	421.0	422.0	420.4	419.2	417.0
79°	395.4	396.2	395.1	394.0	392.0
79.5°	370.1	371.5	370.8	369.8	367.4
80°	345.9	346.9	347.1	345.6	343.4
80.5°	320.5	322.5	322.8	321.4	320.2
81°	297.0	298.9	299.4	298.5	297.0
81.5°	273.8	276.1	276.6	276.1	274.1
82°	250.6	253.4	254.2	253.8	251.6
82.5°	228.5	231.5	232.4	232.1	230.0
83°	206.9	210.3	211.1	211.4	209.5
83.5°	186.2	189.3	190.4	190.7	188.7
84°	166.2	169.0	170.4	170.9	169.2
84.5°	147.2	149.5	151.1	151.8	151.0
85°	129.3	131.0	132.5	133.5	132.3
85.5°	112.0	113.3	114.4	116.0	115.0
86°	95.9	97.2	98.0	99.2	99.2
86.5°	80.5	81.1	81.7	83.2	83.2
87°	65.8	65.9	66.1	67.9	68.0
87.5°	50.8	51.2	51.4	53.0	53.6
88°	35.8	37.1	37.4	38.9	38.8
88.5°	25.3	25.3	25.3	26.8	27.1



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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	0.5
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	0.7
97.5°	0.7	0.5	0.5	0.5	0.7
98°	0.7	0.6	0.6	0.6	0.7
98.5°	0.7	0.6	0.5	0.5	0.7
99°	0.7	0.7	0.6	0.5	0.6
99.5°	0.7	0.5	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-L830-CFR2

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°	1.6	1.6	1.6	1.6	1.5
115°	1.6	1.6	1.6	1.6	1.6
115.5°	1.8	1.6	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°	2.2	2.1	2.1	2.1	2.0
119°	2.2	2.2	2.3	2.1	2.1
119.5°	2.3	2.3	2.3	2.2	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°	2.7	2.6	2.6	2.5	2.5
122°	2.6	2.7	2.6	2.6	2.6
122.5°	2.8	2.7	2.7	2.7	2.6
123°	2.9	2.9	2.7	2.7	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	3.2	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	2.7
133.5°	3.0	2.8	2.7	2.6	2.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-80-L830-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	2.9	2.7	2.6	2.5	2.7
135.5°	2.7	2.7	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	2.2	2.4
138°	2.5	2.4	2.3	2.2	2.4
138.5°	2.6	2.4	2.4	2.2	2.4
139°	2.2	2.4	2.3	2.1	2.4
139.5°	2.4	2.2	2.2	2.1	2.4
140°	2.4	2.2	2.2	2.1	2.2
140.5°	2.4	2.2	2.2	2.1	2.2
141°	2.2	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°	2.2	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	2.2
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-L830-CFR2

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	2.2
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	2.2
164°	2.0	2.1	2.0	2.2	2.2
164.5°	2.0	2.1	2.1	2.2	2.2
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	2.2	2.0
167°	2.0	2.2	2.0	2.3	2.2
167.5°	2.1	2.2	2.1	2.4	2.2
168°	2.1	2.1	2.0	2.3	2.2
168.5°	2.1	2.2	2.1	2.5	2.2
169°	2.2	2.2	2.0	2.5	2.2
169.5°	2.2	2.2	2.1	2.4	2.3
170°	2.2	2.2	2.1	2.5	2.2
170.5°	2.2	2.3	2.1	2.5	2.4
171°	2.2	2.2	2.2	2.5	2.4
171.5°	2.2	2.2	2.2	2.5	2.3
172°	2.2	2.2	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°	2.7	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-L830-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°	2254.3	2251.6	2240.6	2230.2	2225.8
22°	2253.2	2250.5	2239.0	2228.6	2224.2



44°	2017.9	2009.7	1993.3	1983.4	1976.8
44.5°	2005.3	1996.5	1981.2	1970.8	1964.2



66.5°	1077.8	1073.4	1065.2	1062.4	1059.7
67°	1050.9	1046.0	1038.3	1035.6	1033.4



89°	16.0	15.7	15.6	16.4	16.6
89.5°	7.1	7.2	7.0	7.5	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	2.7	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	2.2	2.4
179.5°	2.1	2.2	2.1	2.1	2.2



(END OF REPORT)