

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-70-L850-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-70-L850-CFR2
Description: 7000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS
AND 5000K CCT, 80CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

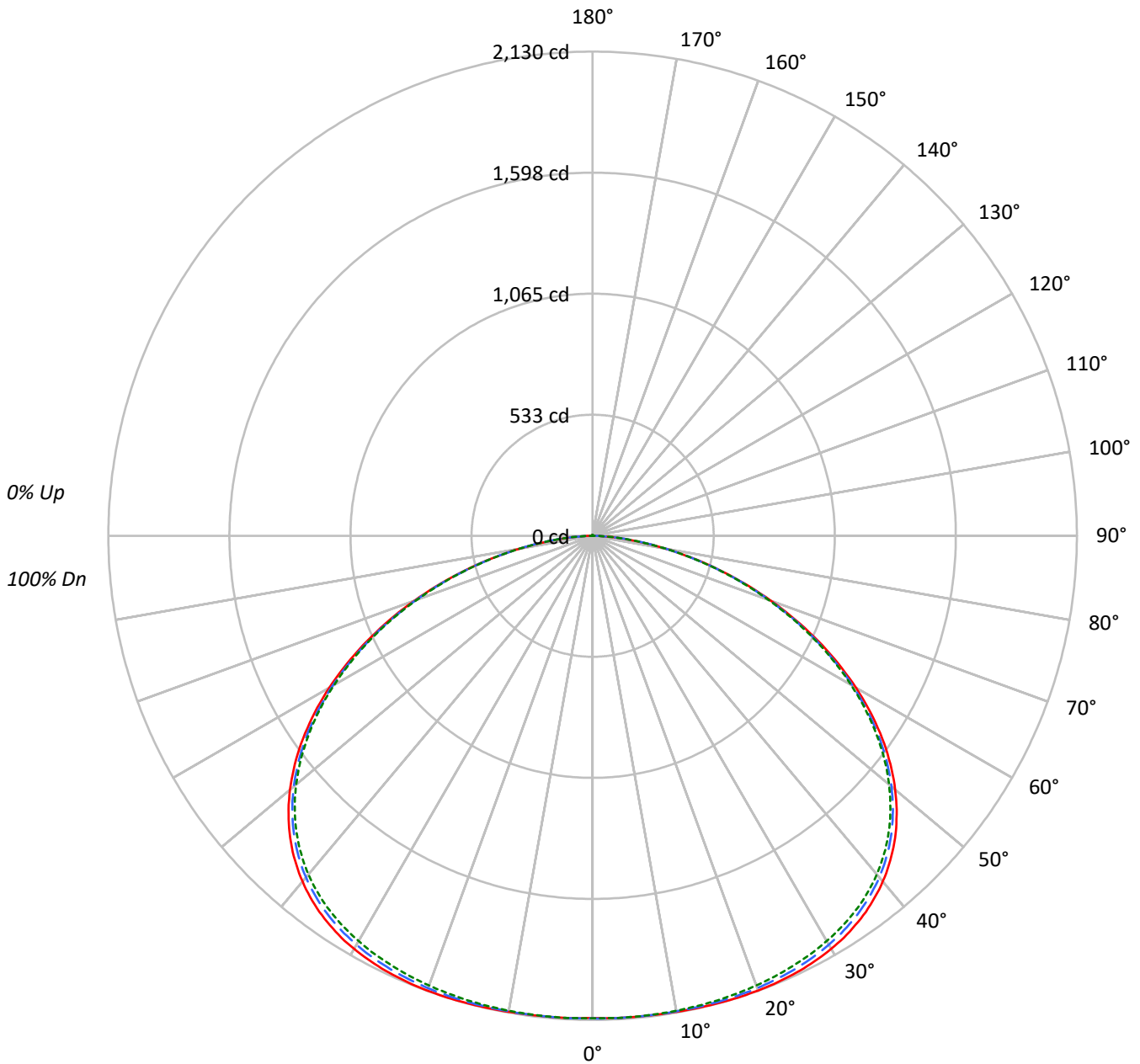
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7685.0 lumens
Efficiency: N/A
Efficacy: 140.8 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): 54.6
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°	1515	1515	1515
5°	1522	1522	1522
10°	1542	1540	1538
15°	1574	1569	1564
20°	1617	1608	1599
25°	1670	1657	1644
30°	1730	1712	1697
35°	1792	1771	1755
40°	1850	1828	1812
45°	1899	1875	1859
50°	1929	1906	1890
55°	1935	1912	1897
60°	1910	1886	1875
65°	1848	1827	1818
70°	1742	1723	1715
75°	1578	1568	1561
80°	1342	1347	1332
85°	1000	1024	1023



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	202.8	2.6
10°-20°	601.5	7.8
20°-30°	972.4	12.7
30°-40°	1273.7	16.6
40°-50°	1432.7	18.6
50°-60°	1370.9	17.8
60°-70°	1069.2	13.9
70°-80°	602.6	7.8
80°-90°	149.1	1.9
90°-100°	0.5	0.0
100°-110°	0.9	0.0
110°-120°	1.6	0.0
120°-130°	2.4	0.0
130°-140°	1.9	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°	1776.8	23.1
0°-40°	3050.4	39.7
0°-60°	5854.0	76.2
0°-90°	7674.8	99.9
90°-120°	3.0	0.0
90°-150°	8.5	0.1
90°-180°	10.0	0.1
0°-180°	7685.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2122	2122	2122	2122	2122	
5°	2124	2125	2124	2124	2124	203
15°	2129	2129	2123	2119	2116	603
25°	2120	2117	2104	2092	2087	980
35°	2056	2049	2032	2020	2014	1287
45°	1881	1872	1857	1848	1842	1449
55°	1555	1547	1536	1529	1524	1386
65°	1094	1090	1081	1078	1076	1080
75°	572	572	568	567	566	606
85°	122	124	125	126	125	142
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	2
135°	3	2	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°	2122.4	2122.4	2122.4	2122.4	2122.4
0.5°	2121.9	2123.4	2123.9	2123.4	2122.4
1°	2122.4	2123.4	2123.9	2123.9	2122.9
1.5°	2122.9	2123.9	2123.9	2123.9	2123.4
2°	2122.9	2123.9	2123.9	2124.4	2123.4
2.5°	2123.4	2124.4	2124.4	2124.4	2123.4
3°	2123.9	2124.4	2124.4	2124.4	2123.9
3.5°	2123.9	2124.4	2124.4	2124.4	2123.9
4°	2124.4	2124.4	2124.4	2124.4	2123.9
4.5°	2124.4	2125.0	2124.4	2124.4	2123.9
5°	2124.4	2125.0	2124.4	2124.4	2123.9
5.5°	2124.4	2125.0	2124.4	2124.4	2123.9
6°	2125.0	2125.0	2124.4	2124.4	2123.4
6.5°	2125.0	2125.5	2125.0	2124.4	2123.4
7°	2125.0	2125.5	2124.4	2124.4	2123.4
7.5°	2125.0	2125.5	2124.4	2123.9	2122.9
8°	2125.5	2125.5	2125.0	2123.9	2122.9
8.5°	2125.5	2126.0	2124.4	2123.9	2122.4
9°	2126.0	2126.0	2125.0	2123.4	2122.4
9.5°	2126.0	2126.5	2124.4	2123.4	2121.9
10°	2126.5	2126.5	2124.4	2122.9	2121.3
10.5°	2127.0	2127.0	2124.4	2122.9	2121.3
11°	2127.0	2127.0	2124.4	2122.4	2120.8
11.5°	2127.6	2127.6	2124.4	2121.9	2120.3
12°	2127.6	2127.6	2124.4	2121.9	2119.8
12.5°	2128.1	2127.6	2123.9	2121.3	2119.3
13°	2128.1	2127.6	2123.9	2120.8	2118.8
13.5°	2128.6	2128.1	2123.9	2120.3	2118.2
14°	2128.6	2128.1	2123.9	2119.8	2117.2
14.5°	2129.1	2128.1	2123.4	2119.3	2116.7
15°	2129.1	2128.6	2123.4	2118.8	2116.2
15.5°	2129.6	2128.6	2122.9	2117.7	2115.1
16°	2129.1	2128.6	2122.4	2117.2	2114.1
16.5°	2129.6	2128.6	2122.4	2116.2	2113.1
17°	2129.6	2128.1	2121.9	2115.1	2112.5
17.5°	2129.6	2128.1	2120.8	2114.6	2111.5
18°	2129.6	2128.1	2120.3	2113.6	2110.0
18.5°	2129.6	2127.6	2119.8	2112.5	2108.9
19°	2129.1	2127.6	2119.3	2111.5	2107.9
19.5°	2129.1	2127.0	2118.2	2110.0	2106.3
20°	2128.6	2126.5	2117.2	2108.9	2105.3
20.5°	2128.1	2126.0	2116.7	2107.9	2103.7
21°	2128.1	2125.5	2115.6	2106.3	2102.2



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	2126.0	2122.9	2112.0	2101.7	2097.0
23°	2125.0	2121.9	2110.5	2100.1	2095.5
23.5°	2123.9	2120.8	2108.9	2098.0	2093.4
24°	2122.9	2119.8	2107.4	2096.0	2091.3
24.5°	2121.9	2118.2	2105.8	2093.9	2089.2
25°	2120.3	2116.7	2103.7	2091.8	2087.2
25.5°	2118.8	2115.1	2101.7	2089.8	2084.6
26°	2117.2	2113.6	2099.6	2087.7	2082.5
26.5°	2115.6	2111.5	2097.5	2085.1	2079.9
27°	2113.6	2109.4	2094.9	2082.5	2077.3
27.5°	2111.5	2107.4	2092.3	2079.9	2074.7
28°	2109.4	2104.8	2089.8	2077.3	2072.2
28.5°	2106.8	2102.2	2087.2	2074.2	2069.1
29°	2104.3	2099.6	2084.1	2071.1	2065.9
29.5°	2101.7	2096.5	2081.0	2068.0	2062.3
30°	2098.6	2093.4	2077.3	2064.4	2058.7
30.5°	2095.5	2090.3	2073.7	2060.8	2055.6
31°	2091.8	2086.7	2070.1	2057.1	2051.5
31.5°	2088.7	2083.0	2065.9	2053.5	2047.8
32°	2084.6	2078.9	2062.3	2049.4	2043.7
32.5°	2080.4	2074.7	2057.7	2044.7	2039.0
33°	2076.3	2070.1	2053.0	2040.6	2034.4
33.5°	2071.6	2065.4	2048.3	2035.9	2029.7
34°	2066.5	2060.3	2043.2	2030.7	2025.1
34.5°	2061.3	2055.1	2038.0	2025.6	2019.9
35°	2056.1	2049.4	2032.3	2019.9	2014.2
35.5°	2050.4	2043.7	2026.6	2014.2	2008.5
36°	2044.7	2037.5	2020.4	2008.5	2002.3
36.5°	2038.0	2031.3	2014.2	2002.3	1996.6
37°	2031.3	2024.5	2007.5	1995.5	1989.9
37.5°	2024.5	2017.3	2000.7	1988.8	1982.6
38°	2017.3	2010.6	1993.5	1982.1	1975.9
38.5°	2010.0	2002.8	1985.7	1974.3	1968.6
39°	2002.3	1994.5	1977.9	1967.1	1960.9
39.5°	1994.0	1986.2	1970.2	1958.8	1953.1
40°	1985.2	1977.9	1961.4	1950.5	1944.8
40.5°	1976.9	1969.1	1952.6	1942.2	1936.0
41°	1967.6	1959.8	1943.8	1932.9	1926.7
41.5°	1957.8	1950.0	1933.9	1923.6	1917.4
42°	1947.9	1940.2	1924.1	1914.3	1907.5
42.5°	1937.6	1929.8	1913.8	1903.9	1897.7
43°	1927.2	1918.9	1903.4	1893.6	1887.4
43.5°	1916.3	1908.1	1892.5	1882.7	1876.5



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	1880.6	1872.3	1857.3	1848.5	1841.8
45.5°	1868.2	1859.4	1844.9	1836.1	1829.9
46°	1855.3	1846.5	1832.0	1823.2	1817.0
46.5°	1841.8	1833.0	1819.0	1810.2	1804.0
47°	1827.8	1819.5	1805.1	1797.3	1790.6
47.5°	1813.9	1805.1	1791.1	1783.3	1776.6
48°	1799.9	1790.6	1777.1	1768.8	1762.1
48.5°	1784.9	1776.1	1762.6	1754.8	1748.6
49°	1768.8	1760.5	1747.1	1738.8	1733.1
49.5°	1753.3	1745.0	1731.5	1723.8	1717.6
50°	1737.2	1728.4	1716.0	1708.3	1702.0
50.5°	1720.7	1711.9	1699.5	1691.7	1686.0
51°	1704.1	1695.3	1682.9	1675.1	1668.9
51.5°	1686.5	1677.7	1665.3	1658.0	1652.3
52°	1668.9	1660.1	1647.7	1641.0	1635.3
52.5°	1651.3	1642.5	1630.1	1622.8	1617.7
53°	1632.2	1623.9	1612.5	1605.8	1600.1
53.5°	1613.0	1604.7	1593.3	1586.6	1581.4
54°	1593.9	1585.6	1574.2	1567.5	1562.8
54.5°	1575.2	1566.4	1555.5	1548.8	1544.2
55°	1555.0	1546.7	1535.9	1529.1	1524.5
55.5°	1534.8	1526.6	1515.7	1509.0	1504.8
56°	1513.6	1505.9	1495.0	1489.3	1485.1
56.5°	1492.4	1485.1	1474.3	1468.6	1464.4
57°	1471.7	1463.9	1453.6	1448.4	1444.2
57.5°	1451.0	1442.7	1432.3	1427.2	1423.0
58°	1428.2	1420.4	1410.6	1405.4	1401.8
58.5°	1405.9	1398.7	1388.3	1383.7	1380.1
59°	1383.7	1376.4	1366.6	1361.9	1358.3
59.5°	1360.4	1353.7	1343.8	1339.2	1335.5
60°	1337.6	1330.4	1321.0	1316.9	1313.3
60.5°	1314.3	1308.1	1298.3	1294.1	1290.5
61°	1290.5	1284.3	1275.0	1270.8	1267.2
61.5°	1266.2	1261.0	1251.7	1247.5	1244.4
62°	1242.4	1237.2	1227.9	1224.2	1221.1
62.5°	1218.0	1212.9	1203.5	1199.9	1196.8
63°	1193.7	1188.5	1179.7	1176.1	1173.0
63.5°	1168.9	1163.7	1155.4	1151.8	1148.7
64°	1144.0	1138.8	1130.0	1127.4	1123.8
64.5°	1119.2	1114.0	1105.2	1102.6	1099.5
65°	1093.8	1089.7	1081.4	1078.3	1076.2
65.5°	1069.0	1063.8	1056.0	1053.4	1050.3
66°	1042.6	1038.4	1030.6	1028.1	1026.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	965.9	961.3	954.6	952.0	949.4
68°	939.5	935.4	928.7	926.6	924.0
68.5°	913.1	909.0	902.3	900.7	899.2
69°	886.7	882.6	876.9	875.3	873.3
69.5°	860.9	856.7	851.5	850.0	847.4
70°	834.5	830.8	825.7	824.1	821.5
70.5°	808.1	804.4	799.8	798.2	795.6
71°	781.7	778.5	774.4	772.3	769.7
71.5°	755.8	752.7	748.0	746.5	744.4
72°	729.4	726.8	722.1	721.1	718.5
72.5°	703.0	700.9	696.2	695.2	693.1
73°	676.6	674.5	669.8	668.8	667.3
73.5°	650.7	648.6	644.5	642.9	641.4
74°	624.8	623.3	619.1	618.1	616.0
74.5°	598.4	597.4	593.7	592.2	590.6
75°	572.0	572.0	568.4	567.3	565.8
75.5°	546.6	546.6	543.0	542.0	540.4
76°	521.3	521.3	517.7	516.7	514.6
76.5°	495.7	495.9	492.8	491.7	490.0
77°	471.1	471.3	468.6	467.2	465.5
77.5°	444.9	446.1	443.8	442.6	440.9
78°	420.4	421.9	419.6	418.6	417.2
78.5°	397.3	398.3	396.8	395.6	393.6
79°	373.1	373.9	372.9	371.9	369.9
79.5°	349.3	350.6	349.9	349.0	346.7
80°	326.5	327.4	327.6	326.2	324.1
80.5°	302.5	304.4	304.7	303.3	302.2
81°	280.3	282.1	282.6	281.8	280.3
81.5°	258.4	260.5	261.0	260.5	258.7
82°	236.5	239.1	239.9	239.5	237.4
82.5°	215.6	218.5	219.3	219.0	217.1
83°	195.3	198.5	199.2	199.5	197.7
83.5°	175.7	178.7	179.7	180.0	178.1
84°	156.8	159.5	160.8	161.3	159.7
84.5°	138.9	141.1	142.6	143.3	142.5
85°	122.1	123.6	125.0	125.9	124.9
85.5°	105.7	106.9	108.0	109.4	108.6
86°	90.5	91.7	92.5	93.6	93.6
86.5°	76.0	76.6	77.1	78.5	78.5
87°	62.1	62.2	62.4	64.1	64.1
87.5°	47.9	48.3	48.6	50.1	50.6
88°	33.8	35.0	35.3	36.7	36.6
88.5°	23.9	23.9	23.9	25.3	25.6



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	1.1	1.1	1.1	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	1.1
111°	1.1	1.1	1.1	1.1	1.1



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L850-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.2	1.3	1.3	1.3	1.2
113°	1.4	1.2	1.2	1.3	1.3
113.5°	1.4	1.4	1.4	1.4	1.4
114°	1.4	1.4	1.5	1.5	1.4
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	2.2	2.2	2.2
120.5°	2.3	2.2	2.3	2.3	2.2
121°	2.3	2.3	2.3	2.3	2.2
121.5°	2.6	2.5	2.4	2.3	2.3
122°	2.4	2.6	2.5	2.4	2.5
122.5°	2.6	2.6	2.5	2.5	2.4
123°	2.7	2.7	2.6	2.6	2.5
123.5°	2.7	2.8	2.6	2.5	2.6
124°	2.7	2.8	2.7	2.6	2.6
124.5°	2.9	2.8	2.7	2.7	2.7
125°	3.0	2.9	2.8	2.8	2.8
125.5°	3.0	3.0	2.8	2.8	2.8
126°	3.0	2.9	2.8	2.8	2.8
126.5°	2.9	3.0	3.0	2.8	2.9
127°	3.0	3.0	2.9	2.8	2.8
127.5°	3.1	3.1	3.0	2.8	2.8
128°	3.1	3.0	3.0	2.8	2.9
128.5°	3.0	3.0	2.9	2.8	2.9
129°	3.0	3.0	2.9	2.8	2.8
129.5°	2.9	3.0	2.9	2.8	2.8
130°	2.9	3.0	2.8	2.7	2.8
130.5°	3.0	2.9	2.9	2.6	2.8
131°	2.8	2.8	2.8	2.7	2.7
131.5°	2.9	2.8	2.7	2.6	2.7
132°	2.8	2.7	2.7	2.6	2.6
132.5°	2.8	2.7	2.7	2.6	2.7
133°	2.7	2.6	2.6	2.5	2.6
133.5°	2.8	2.6	2.5	2.4	2.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L850-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	2.7	2.5	2.4	2.4	2.6
135.5°	2.5	2.6	2.4	2.3	2.5
136°	2.5	2.4	2.3	2.2	2.5
136.5°	2.5	2.4	2.3	2.2	2.4
137°	2.5	2.4	2.3	2.2	2.4
137.5°	2.4	2.3	2.3	2.1	2.3
138°	2.4	2.3	2.2	2.1	2.3
138.5°	2.4	2.3	2.2	2.1	2.2
139°	2.1	2.2	2.2	2.0	2.3
139.5°	2.3	2.1	2.1	2.0	2.2
140°	2.2	2.1	2.1	2.0	2.1
140.5°	2.2	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-70-L850-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	2.2	2.1
168°	2.0	2.0	1.9	2.2	2.1
168.5°	2.0	2.1	2.0	2.3	2.1
169°	2.1	2.1	1.9	2.3	2.1
169.5°	2.1	2.1	2.0	2.3	2.2
170°	2.1	2.1	2.0	2.3	2.1
170.5°	2.1	2.2	2.0	2.3	2.2
171°	2.1	2.1	2.1	2.3	2.3
171.5°	2.1	2.1	2.1	2.4	2.2
172°	2.1	2.1	2.2	2.4	2.2
172.5°	2.2	2.2	2.2	2.4	2.2
173°	2.1	2.1	2.2	2.4	2.3
173.5°	2.2	2.2	2.3	2.3	2.3
174°	2.3	2.3	2.4	2.4	2.3
174.5°	2.3	2.4	2.4	2.5	2.4
175°	2.4	2.4	2.4	2.5	2.3
175.5°	2.4	2.4	2.5	2.4	2.4
176°	2.5	2.5	2.4	2.4	2.4
176.5°	2.6	2.4	2.5	2.3	2.4
177°	2.5	2.4	2.3	2.3	2.4
177.5°	2.5	2.4	2.3	2.2	2.4
178°	2.4	2.3	2.2	2.2	2.3
178.5°	2.3	2.3	2.2	2.2	2.2



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L850-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°	2127.6	2125.0	2114.6	2104.8	2100.6
22°	2126.5	2123.9	2113.1	2103.2	2099.1



44°	1904.4	1896.7	1881.1	1871.8	1865.6
44.5°	1892.5	1884.3	1869.8	1859.9	1853.7



66.5°	1017.2	1013.0	1005.3	1002.7	1000.1
67°	991.8	987.2	979.9	977.3	975.3



89°	15.1	14.9	14.7	15.5	15.7
89.5°	6.7	6.8	6.6	7.1	7.0



111.5°	1.3	1.1	1.2	1.2	1.1
112°	1.3	1.2	1.2	1.2	1.3



134°	2.6	2.6	2.5	2.5	2.6
134.5°	2.7	2.5	2.5	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°	2.2	2.2	2.1	2.1	2.2
179.5°	2.0	2.1	2.0	2.0	2.1



(END OF REPORT)