

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-L930-CFD2**

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-L930-CFD2
Description: 9000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS
AND 3000K CCT, 90CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

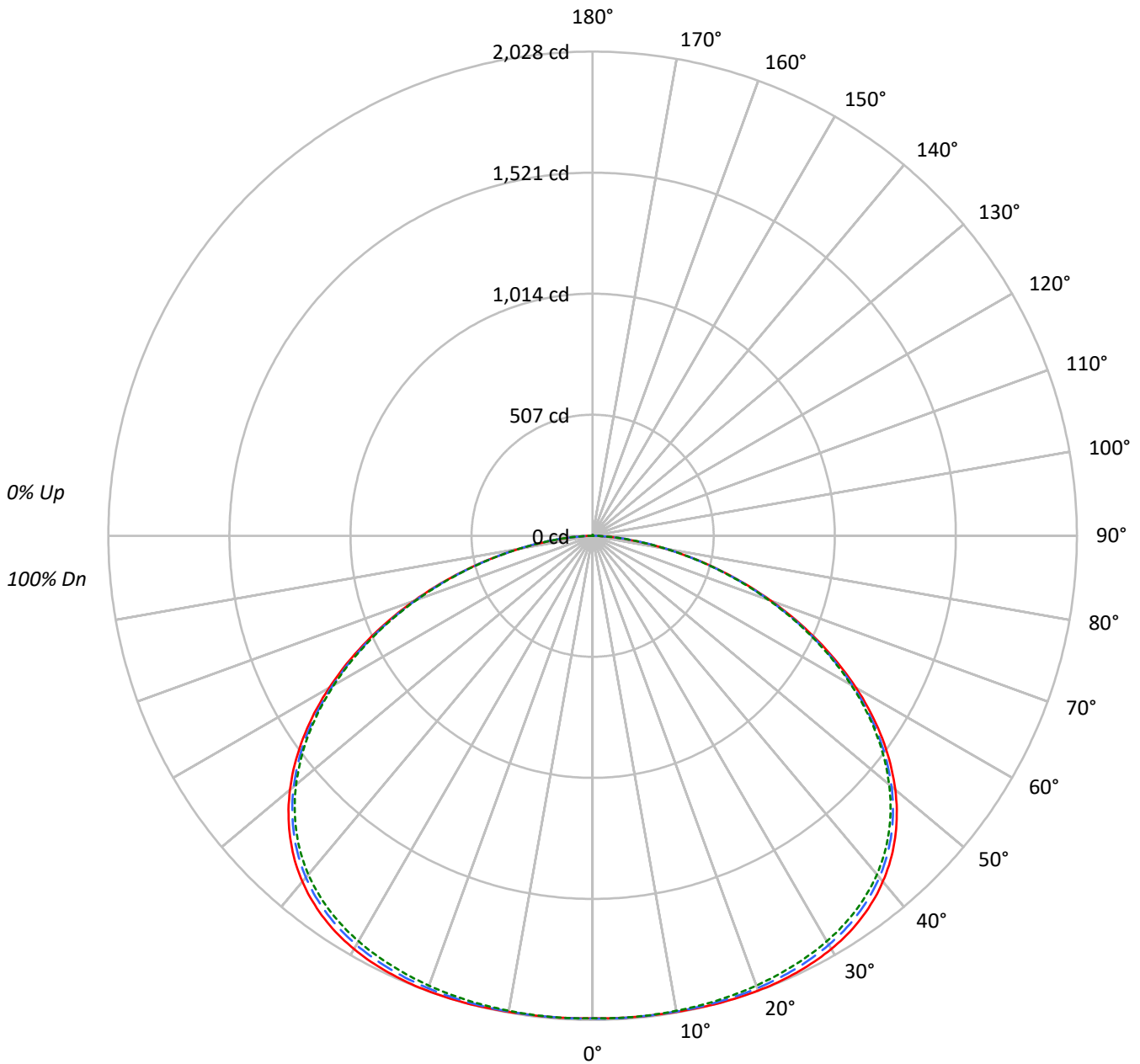
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7319.0 lumens
Efficiency: N/A
Efficacy: 105.5 lumens/watt
Spacing Criteria (0/90/45): 1.48 / 1.45 / 1.57
Luminous Opening: Rectangular w/ Sides (W: 3.88' x L: 3.88' x H: 0.17')
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°	1443	1443	1443
5°	1445	1442	1444
10°	1457	1451	1454
15°	1482	1471	1473
20°	1516	1499	1500
25°	1559	1535	1535
30°	1608	1576	1577
35°	1657	1618	1623
40°	1701	1656	1666
45°	1734	1684	1698
50°	1748	1693	1713
55°	1737	1675	1703
60°	1693	1625	1662
65°	1611	1539	1585
70°	1484	1407	1461
75°	1295	1217	1281
80°	1028	954	1020
85°	639	576	653



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	193.1	2.6
10°-20°	572.9	7.8
20°-30°	926.1	12.7
30°-40°	1213.0	16.6
40°-50°	1364.4	18.6
50°-60°	1305.6	17.8
60°-70°	1018.3	13.9
70°-80°	573.9	7.8
80°-90°	142.0	1.9
90°-100°	0.5	0.0
100°-110°	0.8	0.0
110°-120°	1.5	0.0
120°-130°	2.3	0.0
130°-140°	1.8	0.0
140°-150°	1.1	0.0
150°-160°	0.8	0.0
160°-170°	0.5	0.0
170°-180°	0.2	0.0
0°-30°	1692.1	23.1
0°-40°	2905.2	39.7
0°-60°	5575.2	76.2
0°-90°	7309.3	99.9
90°-120°	2.8	0.0
90°-150°	8.1	0.1
90°-180°	10.0	0.1
0°-180°	7319.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2021	2021	2021	2021	2021	
5°	2023	2024	2023	2023	2023	193
15°	2028	2027	2022	2018	2015	575
25°	2019	2016	2004	1992	1988	933
35°	1958	1952	1936	1924	1918	1226
45°	1791	1783	1769	1760	1754	1380
55°	1481	1473	1463	1456	1452	1320
65°	1042	1038	1030	1027	1025	1028
75°	545	545	541	540	539	577
85°	116	118	119	120	119	135
90°	1	1	1	1	1	6
95°	0	0	0	0	0	0
105°	1	1	1	1	1	1
115°	2	2	1	2	1	2
125°	3	3	3	3	3	2
135°	3	2	2	2	2	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°	2021.3	2021.3	2021.3	2021.3	2021.3
0.5°	2020.8	2022.3	2022.8	2022.3	2021.3
1°	2021.3	2022.3	2022.8	2022.8	2021.8
1.5°	2021.8	2022.8	2022.8	2022.8	2022.3
2°	2021.8	2022.8	2022.8	2023.3	2022.3
2.5°	2022.3	2023.3	2023.3	2023.3	2022.3
3°	2022.8	2023.3	2023.3	2023.3	2022.8
3.5°	2022.8	2023.3	2023.3	2023.3	2022.8
4°	2023.3	2023.3	2023.3	2023.3	2022.8
4.5°	2023.3	2023.8	2023.3	2023.3	2022.8
5°	2023.3	2023.8	2023.3	2023.3	2022.8
5.5°	2023.3	2023.8	2023.3	2023.3	2022.8
6°	2023.8	2023.8	2023.3	2023.3	2022.3
6.5°	2023.8	2024.3	2023.8	2023.3	2022.3
7°	2023.8	2024.3	2023.3	2023.3	2022.3
7.5°	2023.8	2024.3	2023.3	2022.8	2021.8
8°	2024.3	2024.3	2023.8	2022.8	2021.8
8.5°	2024.3	2024.7	2023.3	2022.8	2021.3
9°	2024.7	2024.7	2023.8	2022.3	2021.3
9.5°	2024.7	2025.2	2023.3	2022.3	2020.8
10°	2025.2	2025.2	2023.3	2021.8	2020.3
10.5°	2025.7	2025.7	2023.3	2021.8	2020.3
11°	2025.7	2025.7	2023.3	2021.3	2019.8
11.5°	2026.2	2026.2	2023.3	2020.8	2019.3
12°	2026.2	2026.2	2023.3	2020.8	2018.8
12.5°	2026.7	2026.2	2022.8	2020.3	2018.3
13°	2026.7	2026.2	2022.8	2019.8	2017.8
13.5°	2027.2	2026.7	2022.8	2019.3	2017.4
14°	2027.2	2026.7	2022.8	2018.8	2016.4
14.5°	2027.7	2026.7	2022.3	2018.3	2015.9
15°	2027.7	2027.2	2022.3	2017.8	2015.4
15.5°	2028.2	2027.2	2021.8	2016.9	2014.4
16°	2027.7	2027.2	2021.3	2016.4	2013.4
16.5°	2028.2	2027.2	2021.3	2015.4	2012.4
17°	2028.2	2026.7	2020.8	2014.4	2011.9
17.5°	2028.2	2026.7	2019.8	2013.9	2010.9
18°	2028.2	2026.7	2019.3	2012.9	2009.5
18.5°	2028.2	2026.2	2018.8	2011.9	2008.5
19°	2027.7	2026.2	2018.3	2010.9	2007.5
19.5°	2027.7	2025.7	2017.4	2009.5	2006.0
20°	2027.2	2025.2	2016.4	2008.5	2005.0
20.5°	2026.7	2024.7	2015.9	2007.5	2003.5
21°	2026.7	2024.3	2014.9	2006.0	2002.1



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	2024.7	2021.8	2011.4	2001.6	1997.1
23°	2023.8	2020.8	2010.0	2000.1	1995.7
23.5°	2022.8	2019.8	2008.5	1998.1	1993.7
24°	2021.8	2018.8	2007.0	1996.2	1991.7
24.5°	2020.8	2017.4	2005.5	1994.2	1989.7
25°	2019.3	2015.9	2003.5	1992.2	1987.8
25.5°	2017.8	2014.4	2001.6	1990.2	1985.3
26°	2016.4	2012.9	1999.6	1988.3	1983.3
26.5°	2014.9	2010.9	1997.6	1985.8	1980.9
27°	2012.9	2009.0	1995.2	1983.3	1978.4
27.5°	2010.9	2007.0	1992.7	1980.9	1975.9
28°	2009.0	2004.5	1990.2	1978.4	1973.5
28.5°	2006.5	2002.1	1987.8	1975.4	1970.5
29°	2004.0	1999.6	1984.8	1972.5	1967.6
29.5°	2001.6	1996.6	1981.9	1969.5	1964.1
30°	1998.6	1993.7	1978.4	1966.1	1960.7
30.5°	1995.7	1990.7	1975.0	1962.6	1957.7
31°	1992.2	1987.3	1971.5	1959.2	1953.8
31.5°	1989.3	1983.8	1967.6	1955.7	1950.3
32°	1985.3	1979.9	1964.1	1951.8	1946.4
32.5°	1981.4	1975.9	1959.7	1947.3	1941.9
33°	1977.4	1971.5	1955.2	1943.4	1937.5
33.5°	1973.0	1967.1	1950.8	1939.0	1933.0
34°	1968.1	1962.1	1945.9	1934.0	1928.6
34.5°	1963.1	1957.2	1940.9	1929.1	1923.7
35°	1958.2	1951.8	1935.5	1923.7	1918.3
35.5°	1952.8	1946.4	1930.1	1918.3	1912.8
36°	1947.3	1940.4	1924.2	1912.8	1906.9
36.5°	1940.9	1934.5	1918.3	1906.9	1901.5
37°	1934.5	1928.1	1911.8	1900.5	1895.1
37.5°	1928.1	1921.2	1905.4	1894.1	1888.2
38°	1921.2	1914.8	1898.5	1887.7	1881.8
38.5°	1914.3	1907.4	1891.1	1880.3	1874.9
39°	1906.9	1899.5	1883.7	1873.4	1867.5
39.5°	1899.0	1891.6	1876.4	1865.5	1860.1
40°	1890.7	1883.7	1868.0	1857.6	1852.2
40.5°	1882.8	1875.4	1859.6	1849.7	1843.8
41°	1873.9	1866.5	1851.2	1840.9	1834.9
41.5°	1864.5	1857.1	1841.8	1832.0	1826.1
42°	1855.2	1847.8	1832.5	1823.1	1816.7
42.5°	1845.3	1837.9	1822.6	1813.2	1807.3
43°	1835.4	1827.5	1812.8	1803.4	1797.5
43.5°	1825.1	1817.2	1802.4	1793.0	1787.1



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	1791.1	1783.2	1768.9	1760.5	1754.1
45.5°	1779.2	1770.9	1757.0	1748.7	1742.8
46°	1766.9	1758.5	1744.7	1736.3	1730.4
46.5°	1754.1	1745.7	1732.4	1724.0	1718.1
47°	1740.8	1732.9	1719.1	1711.7	1705.3
47.5°	1727.5	1719.1	1705.8	1698.4	1692.0
48°	1714.2	1705.3	1692.5	1684.6	1678.2
48.5°	1699.9	1691.5	1678.7	1671.3	1665.4
49°	1684.6	1676.7	1663.9	1656.0	1650.6
49.5°	1669.8	1661.9	1649.1	1641.7	1635.8
50°	1654.5	1646.1	1634.3	1626.9	1621.0
50.5°	1638.7	1630.3	1618.5	1611.1	1605.7
51°	1623.0	1614.6	1602.7	1595.3	1589.4
51.5°	1606.2	1597.8	1586.0	1579.1	1573.7
52°	1589.4	1581.0	1569.2	1562.8	1557.4
52.5°	1572.7	1564.3	1552.5	1545.6	1540.6
53°	1554.4	1546.5	1535.7	1529.3	1523.9
53.5°	1536.2	1528.3	1517.5	1511.0	1506.1
54°	1517.9	1510.1	1499.2	1492.8	1488.4
54.5°	1500.2	1491.8	1481.5	1475.1	1470.6
55°	1481.0	1473.1	1462.7	1456.3	1451.9
55.5°	1461.7	1453.9	1443.5	1437.1	1433.1
56°	1441.5	1434.1	1423.8	1418.4	1414.4
56.5°	1421.3	1414.4	1404.1	1398.6	1394.7
57°	1401.6	1394.2	1384.3	1379.4	1375.5
57.5°	1381.9	1374.0	1364.1	1359.2	1355.3
58°	1360.2	1352.8	1343.4	1338.5	1335.0
58.5°	1339.0	1332.1	1322.2	1317.8	1314.3
59°	1317.8	1310.9	1301.5	1297.1	1293.6
59.5°	1295.6	1289.2	1279.8	1275.4	1271.9
60°	1273.9	1267.0	1258.1	1254.2	1250.7
60.5°	1251.7	1245.8	1236.4	1232.5	1229.0
61°	1229.0	1223.1	1214.3	1210.3	1206.9
61.5°	1205.9	1200.9	1192.1	1188.1	1185.2
62°	1183.2	1178.3	1169.4	1165.9	1163.0
62.5°	1160.0	1155.1	1146.2	1142.8	1139.8
63°	1136.9	1131.9	1123.5	1120.1	1117.1
63.5°	1113.2	1108.3	1100.4	1096.9	1094.0
64°	1089.5	1084.6	1076.2	1073.8	1070.3
64.5°	1065.9	1060.9	1052.6	1050.1	1047.1
65°	1041.7	1037.8	1029.9	1026.9	1024.9
65.5°	1018.0	1013.1	1005.7	1003.3	1000.3
66°	992.9	989.0	981.6	979.1	977.1



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	919.9	915.5	909.1	906.6	904.2
68°	894.8	890.8	884.4	882.5	880.0
68.5°	869.6	865.7	859.3	857.8	856.3
69°	844.5	840.6	835.1	833.7	831.7
69.5°	819.9	815.9	811.0	809.5	807.0
70°	794.7	791.3	786.3	784.9	782.4
70.5°	769.6	766.1	761.7	760.2	757.7
71°	744.4	741.5	737.5	735.6	733.1
71.5°	719.8	716.8	712.4	710.9	708.9
72°	694.6	692.2	687.7	686.7	684.3
72.5°	669.5	667.5	663.1	662.1	660.1
73°	644.3	642.4	637.9	637.0	635.5
73.5°	619.7	617.7	613.8	612.3	610.8
74°	595.0	593.6	589.6	588.6	586.7
74.5°	569.9	568.9	565.5	564.0	562.5
75°	544.8	544.8	541.3	540.3	538.8
75.5°	520.6	520.6	517.2	516.2	514.7
76°	496.4	496.4	493.0	492.1	490.1
76.5°	472.0	472.2	469.3	468.3	466.7
77°	448.7	448.9	446.3	444.9	443.3
77.5°	423.7	424.9	422.7	421.5	419.9
78°	400.4	401.8	399.6	398.7	397.3
78.5°	378.4	379.3	377.9	376.7	374.8
79°	355.4	356.1	355.2	354.2	352.3
79.5°	332.7	333.9	333.3	332.4	330.2
80°	310.9	311.8	312.0	310.6	308.6
80.5°	288.1	289.9	290.2	288.8	287.8
81°	266.9	268.6	269.1	268.3	267.0
81.5°	246.1	248.1	248.6	248.1	246.4
82°	225.3	227.7	228.5	228.1	226.1
82.5°	205.3	208.1	208.9	208.6	206.8
83°	186.0	189.0	189.8	190.0	188.3
83.5°	167.3	170.2	171.1	171.4	169.6
84°	149.4	151.9	153.1	153.6	152.1
84.5°	132.3	134.4	135.8	136.5	135.7
85°	116.2	117.7	119.1	119.9	118.9
85.5°	100.7	101.9	102.8	104.2	103.4
86°	86.2	87.4	88.0	89.1	89.1
86.5°	72.4	72.9	73.5	74.7	74.7
87°	59.2	59.2	59.4	61.0	61.1
87.5°	45.7	46.0	46.2	47.7	48.2
88°	32.2	33.3	33.6	35.0	34.9
88.5°	22.8	22.8	22.7	24.1	24.4



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	1.1	1.0	1.1	1.1	1.0
90.5°	0.3	0.3	0.3	0.4	0.3
91°	0.3	0.3	0.3	0.3	0.3
91.5°	0.4	0.3	0.4	0.3	0.2
92°	0.3	0.3	0.3	0.4	0.3
92.5°	0.4	0.3	0.3	0.4	0.3
93°	0.4	0.4	0.4	0.3	0.3
93.5°	0.4	0.3	0.4	0.4	0.4
94°	0.4	0.4	0.4	0.4	0.5
94.5°	0.4	0.4	0.4	0.4	0.4
95°	0.4	0.3	0.4	0.4	0.5
95.5°	0.4	0.4	0.5	0.4	0.5
96°	0.5	0.5	0.4	0.4	0.5
96.5°	0.5	0.5	0.5	0.4	0.5
97°	0.5	0.5	0.5	0.4	0.6
97.5°	0.6	0.5	0.5	0.4	0.6
98°	0.6	0.5	0.5	0.5	0.6
98.5°	0.6	0.5	0.5	0.5	0.6
99°	0.6	0.6	0.5	0.5	0.5
99.5°	0.6	0.5	0.6	0.5	0.5
100°	0.6	0.6	0.6	0.6	0.6
100.5°	0.6	0.6	0.6	0.6	0.6
101°	0.7	0.6	0.6	0.6	0.6
101.5°	0.7	0.6	0.6	0.6	0.7
102°	0.8	0.6	0.7	0.6	0.7
102.5°	0.7	0.6	0.6	0.7	0.7
103°	0.7	0.6	0.7	0.6	0.7
103.5°	0.7	0.7	0.7	0.7	0.6
104°	0.8	0.7	0.7	0.7	0.6
104.5°	0.7	0.8	0.8	0.8	0.7
105°	0.9	0.8	0.7	0.8	0.8
105.5°	0.8	0.7	0.8	0.7	0.7
106°	0.8	0.8	0.8	0.8	0.9
106.5°	0.9	0.8	0.8	0.8	0.7
107°	0.8	0.8	0.9	0.9	0.8
107.5°	0.9	0.8	0.9	0.9	0.9
108°	0.9	0.8	0.8	0.9	0.8
108.5°	0.9	0.9	0.9	0.9	0.8
109°	1.0	0.9	0.9	0.9	1.0
109.5°	1.0	0.9	1.0	1.0	0.9
110°	1.0	1.0	1.0	1.0	1.0
110.5°	1.0	1.0	1.0	1.0	1.1
111°	1.0	1.1	1.1	1.1	1.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-90-L930-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.2	1.2	1.3	1.2	1.1
113°	1.3	1.2	1.2	1.2	1.2
113.5°	1.3	1.3	1.3	1.4	1.4
114°	1.4	1.4	1.4	1.4	1.4
114.5°	1.5	1.5	1.4	1.4	1.3
115°	1.5	1.5	1.4	1.5	1.4
115.5°	1.6	1.5	1.6	1.5	1.4
116°	1.6	1.6	1.6	1.6	1.5
116.5°	1.7	1.7	1.7	1.7	1.6
117°	1.8	1.8	1.8	1.8	1.6
117.5°	1.9	1.8	1.8	1.8	1.7
118°	1.9	1.8	1.9	1.8	1.7
118.5°	2.0	1.9	1.9	1.9	1.8
119°	2.0	2.0	2.1	1.9	1.9
119.5°	2.1	2.1	2.1	2.0	2.0
120°	2.2	2.2	2.1	2.1	2.1
120.5°	2.2	2.1	2.2	2.2	2.1
121°	2.2	2.2	2.2	2.2	2.1
121.5°	2.5	2.4	2.3	2.2	2.2
122°	2.3	2.5	2.4	2.3	2.4
122.5°	2.5	2.5	2.4	2.4	2.3
123°	2.6	2.6	2.5	2.5	2.4
123.5°	2.6	2.7	2.5	2.4	2.5
124°	2.6	2.7	2.6	2.5	2.5
124.5°	2.8	2.7	2.6	2.6	2.6
125°	2.9	2.8	2.7	2.7	2.7
125.5°	2.9	2.8	2.7	2.7	2.7
126°	2.9	2.8	2.7	2.7	2.7
126.5°	2.8	2.8	2.9	2.7	2.8
127°	2.9	2.9	2.8	2.7	2.7
127.5°	3.0	2.9	2.9	2.7	2.7
128°	3.0	2.8	2.8	2.7	2.8
128.5°	2.9	2.9	2.8	2.7	2.8
129°	2.8	2.8	2.8	2.7	2.7
129.5°	2.8	2.8	2.8	2.7	2.7
130°	2.8	2.8	2.7	2.6	2.7
130.5°	2.9	2.8	2.8	2.5	2.7
131°	2.7	2.7	2.7	2.6	2.6
131.5°	2.8	2.7	2.6	2.5	2.6
132°	2.7	2.6	2.6	2.5	2.5
132.5°	2.7	2.6	2.6	2.5	2.6
133°	2.6	2.5	2.5	2.4	2.5
133.5°	2.7	2.5	2.4	2.3	2.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-90-L930-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	2.6	2.4	2.3	2.3	2.5
135.5°	2.4	2.5	2.3	2.2	2.4
136°	2.4	2.3	2.2	2.1	2.4
136.5°	2.4	2.3	2.2	2.1	2.3
137°	2.4	2.3	2.2	2.1	2.3
137.5°	2.3	2.2	2.2	2.0	2.2
138°	2.3	2.2	2.1	2.0	2.2
138.5°	2.3	2.2	2.1	2.0	2.1
139°	2.0	2.1	2.1	1.9	2.2
139.5°	2.2	2.0	2.0	1.9	2.1
140°	2.1	2.0	2.0	1.9	2.0
140.5°	2.1	2.0	2.0	1.9	2.0
141°	2.0	2.0	1.9	1.8	1.9
141.5°	1.9	2.0	2.0	1.8	1.9
142°	1.8	1.8	1.9	1.8	1.7
142.5°	1.8	1.9	1.9	1.8	1.7
143°	1.9	1.9	1.9	1.8	1.7
143.5°	1.9	1.9	1.9	1.7	1.7
144°	1.9	1.8	1.9	1.7	1.8
144.5°	1.8	1.8	1.8	1.7	1.8
145°	1.9	1.8	1.8	1.6	1.8
145.5°	1.8	1.7	1.8	1.6	1.9
146°	1.8	1.7	1.7	1.6	1.8
146.5°	1.9	1.7	1.7	1.6	1.8
147°	1.8	1.7	1.6	1.7	1.7
147.5°	1.8	1.7	1.6	1.7	1.8
148°	1.8	1.7	1.7	1.6	1.8
148.5°	1.9	1.8	1.7	1.6	1.8
149°	1.8	1.7	1.7	1.6	1.8
149.5°	1.9	1.7	1.7	1.6	1.9
150°	1.9	1.8	1.7	1.6	1.8
150.5°	1.8	1.7	1.7	1.7	1.8
151°	1.9	1.7	1.6	1.7	1.9
151.5°	1.9	1.8	1.6	1.7	1.9
152°	1.9	1.8	1.7	1.8	1.8
152.5°	1.9	1.8	1.7	1.7	1.9
153°	1.9	1.8	1.7	1.8	2.0
153.5°	2.0	1.8	1.7	1.8	1.9
154°	1.9	1.8	1.8	1.8	1.9
154.5°	1.9	1.8	1.8	1.9	2.0
155°	1.8	1.8	1.8	1.9	2.0
155.5°	1.9	1.8	1.8	1.8	2.0
156°	1.8	1.8	1.8	1.8	2.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-90-L930-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	1.8	1.7	1.8	1.9	1.9
158°	2.0	1.8	1.8	1.8	2.0
158.5°	1.9	1.8	1.7	1.8	1.9
159°	1.9	1.8	1.8	1.8	2.0
159.5°	1.9	1.8	1.8	1.8	2.1
160°	1.9	1.8	1.7	1.8	2.0
160.5°	1.8	1.8	1.8	1.9	2.0
161°	1.8	1.8	1.8	1.9	2.0
161.5°	1.9	1.8	1.8	1.8	1.9
162°	1.8	1.8	1.8	1.9	1.9
162.5°	1.9	1.9	1.8	1.8	1.9
163°	1.9	1.8	1.9	1.9	1.9
163.5°	1.9	1.8	1.9	1.9	2.0
164°	1.8	1.9	1.8	2.0	2.0
164.5°	1.8	1.9	1.9	2.0	2.0
165°	1.8	1.8	1.8	1.9	2.0
165.5°	1.7	1.8	1.8	2.1	2.0
166°	1.9	1.9	1.8	2.0	1.9
166.5°	1.9	1.8	1.8	2.0	1.8
167°	1.8	2.0	1.8	2.1	2.0
167.5°	1.9	2.0	1.9	2.1	2.0
168°	1.9	1.9	1.8	2.1	2.0
168.5°	1.9	2.0	1.9	2.2	2.0
169°	2.0	2.0	1.8	2.2	2.0
169.5°	2.0	2.0	1.9	2.2	2.1
170°	2.0	2.0	1.9	2.2	2.0
170.5°	2.0	2.1	1.9	2.2	2.1
171°	2.0	2.0	2.0	2.2	2.2
171.5°	2.0	2.0	2.0	2.3	2.1
172°	2.0	2.0	2.1	2.3	2.1
172.5°	2.1	2.1	2.1	2.3	2.1
173°	2.0	2.0	2.1	2.3	2.2
173.5°	2.1	2.1	2.2	2.2	2.2
174°	2.2	2.2	2.3	2.3	2.2
174.5°	2.2	2.3	2.3	2.4	2.3
175°	2.3	2.3	2.3	2.4	2.2
175.5°	2.3	2.3	2.4	2.3	2.3
176°	2.4	2.4	2.3	2.3	2.3
176.5°	2.5	2.3	2.4	2.2	2.3
177°	2.4	2.3	2.2	2.2	2.3
177.5°	2.4	2.3	2.2	2.1	2.3
178°	2.3	2.2	2.1	2.1	2.2
178.5°	2.2	2.2	2.1	2.1	2.1



TEST NUMBER: P#

CATALOG NUMBER: 44ID-90-L930-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	1.9	1.9	1.9	1.9	1.9



Report Generated By 670246072 / DESKTOP-MV3F9LC





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







21.5°	2026.2	2023.8	2013.9	2004.5	2000.6
22°	2025.2	2022.8	2012.4	2003.1	1999.1



44°	1813.7	1806.3	1791.6	1782.7	1776.8
44.5°	1802.4	1794.5	1780.7	1771.3	1765.4



66.5°	968.7	964.8	957.4	954.9	952.5
67°	944.6	940.1	933.2	930.8	928.8



89°	14.4	14.1	14.0	14.7	14.9
89.5°	6.4	6.5	6.3	6.8	6.7



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



134°	2.5	2.5	2.4	2.4	2.5
134.5°	2.6	2.4	2.4	2.3	2.4



156.5°	1.9	1.8	1.8	1.9	1.9
157°	1.9	1.8	1.8	1.8	1.9



179°	2.1	2.1	2.0	2.0	2.1
179.5°	1.9	2.0	1.9	1.9	2.0



(END OF REPORT)