

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-L950-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-80-L950-CFD2
Description: 8000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS
AND 5000K CCT, 90CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

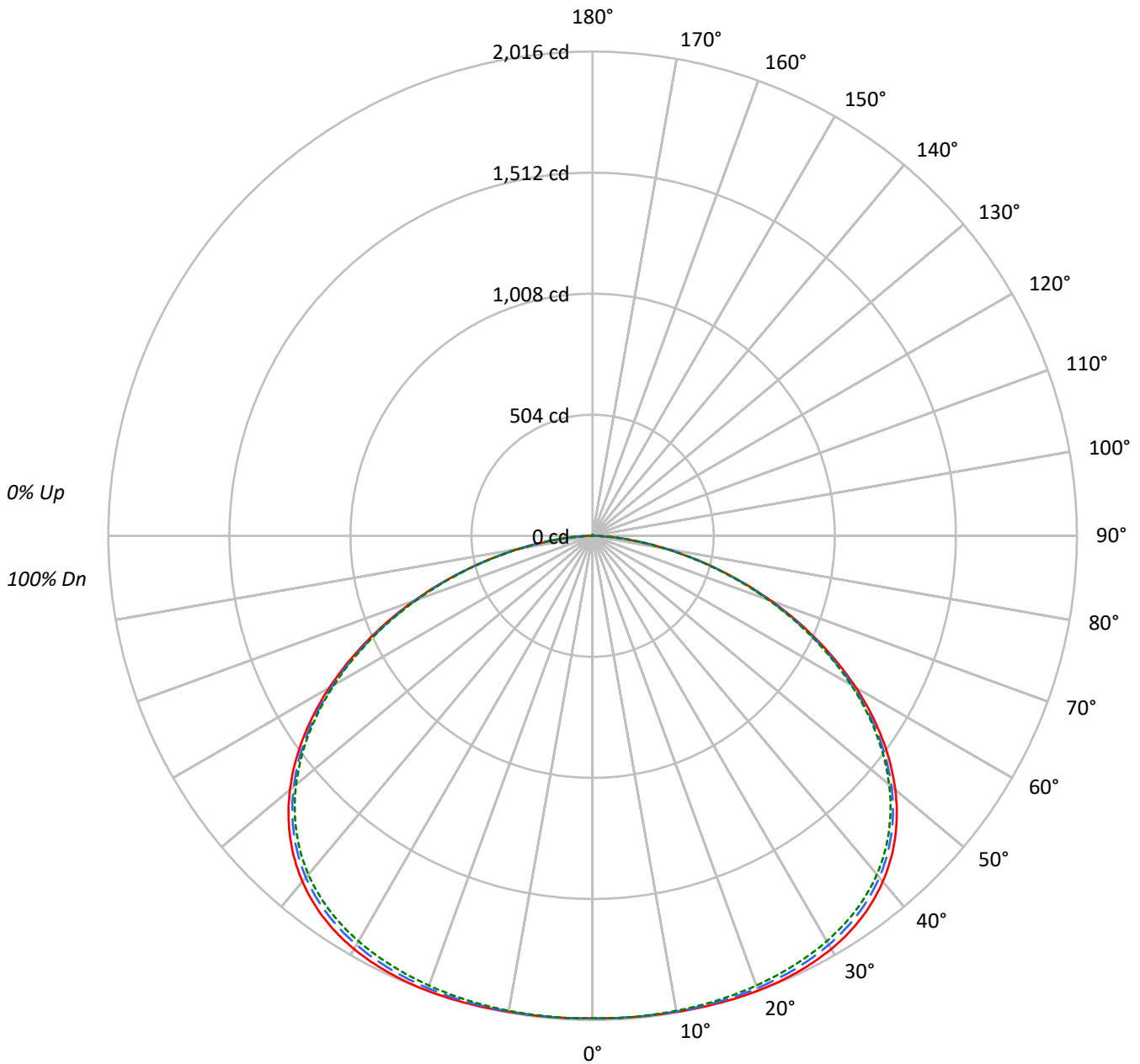
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7275.0 lumens
Efficiency: N/A
Efficacy: 114.7 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): 63.4
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°	1434	1434	1434
5°	1436	1434	1435
10°	1448	1442	1445
15°	1473	1462	1464
20°	1507	1490	1491
25°	1550	1526	1526
30°	1598	1566	1568
35°	1647	1608	1613
40°	1690	1646	1656
45°	1723	1674	1688
50°	1738	1682	1702
55°	1726	1665	1693
60°	1683	1616	1652
65°	1602	1530	1576
70°	1475	1398	1452
75°	1287	1210	1273
80°	1022	948	1014
85°	635	572	650



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	192.0	2.6
10°-20°	569.4	7.8
20°-30°	920.6	12.7
30°-40°	1205.7	16.6
40°-50°	1356.2	18.6
50°-60°	1297.8	17.8
60°-70°	1012.2	13.9
70°-80°	570.4	7.8
80°-90°	141.1	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°	1682.0	23.1
0°-40°	2887.7	39.7
0°-60°	5541.7	76.2
0°-90°	7265.4	99.9
90°-120°	2.8	0.0
90°-150°	8.0	0.1
90°-180°	10.0	0.1
0°-180°	7275.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2009	2009	2009	2009	2009	
5°	2011	2012	2011	2011	2011	192
15°	2016	2015	2010	2006	2003	571
25°	2007	2004	1992	1980	1976	928
35°	1946	1940	1924	1912	1907	1219
45°	1780	1772	1758	1750	1744	1371
55°	1472	1464	1454	1448	1443	1312
65°	1035	1032	1024	1021	1019	1022
75°	542	542	538	537	536	574
85°	116	117	118	119	118	134
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°	2	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°	2009.1	2009.1	2009.1	2009.1	2009.1
0.5°	2008.7	2010.1	2010.6	2010.1	2009.1
1°	2009.1	2010.1	2010.6	2010.6	2009.6
1.5°	2009.6	2010.6	2010.6	2010.6	2010.1
2°	2009.6	2010.6	2010.6	2011.1	2010.1
2.5°	2010.1	2011.1	2011.1	2011.1	2010.1
3°	2010.6	2011.1	2011.1	2011.1	2010.6
3.5°	2010.6	2011.1	2011.1	2011.1	2010.6
4°	2011.1	2011.1	2011.1	2011.1	2010.6
4.5°	2011.1	2011.6	2011.1	2011.1	2010.6
5°	2011.1	2011.6	2011.1	2011.1	2010.6
5.5°	2011.1	2011.6	2011.1	2011.1	2010.6
6°	2011.6	2011.6	2011.1	2011.1	2010.1
6.5°	2011.6	2012.1	2011.6	2011.1	2010.1
7°	2011.6	2012.1	2011.1	2011.1	2010.1
7.5°	2011.6	2012.1	2011.1	2010.6	2009.6
8°	2012.1	2012.1	2011.6	2010.6	2009.6
8.5°	2012.1	2012.6	2011.1	2010.6	2009.1
9°	2012.6	2012.6	2011.6	2010.1	2009.1
9.5°	2012.6	2013.1	2011.1	2010.1	2008.7
10°	2013.1	2013.1	2011.1	2009.6	2008.2
10.5°	2013.6	2013.6	2011.1	2009.6	2008.2
11°	2013.6	2013.6	2011.1	2009.1	2007.7
11.5°	2014.0	2014.0	2011.1	2008.7	2007.2
12°	2014.0	2014.0	2011.1	2008.7	2006.7
12.5°	2014.5	2014.0	2010.6	2008.2	2006.2
13°	2014.5	2014.0	2010.6	2007.7	2005.7
13.5°	2015.0	2014.5	2010.6	2007.2	2005.2
14°	2015.0	2014.5	2010.6	2006.7	2004.2
14.5°	2015.5	2014.5	2010.1	2006.2	2003.8
15°	2015.5	2015.0	2010.1	2005.7	2003.3
15.5°	2016.0	2015.0	2009.6	2004.7	2002.3
16°	2015.5	2015.0	2009.1	2004.2	2001.3
16.5°	2016.0	2015.0	2009.1	2003.3	2000.3
17°	2016.0	2014.5	2008.7	2002.3	1999.8
17.5°	2016.0	2014.5	2007.7	2001.8	1998.9
18°	2016.0	2014.5	2007.2	2000.8	1997.4
18.5°	2016.0	2014.0	2006.7	1999.8	1996.4
19°	2015.5	2014.0	2006.2	1998.9	1995.4
19.5°	2015.5	2013.6	2005.2	1997.4	1994.0
20°	2015.0	2013.1	2004.2	1996.4	1993.0
20.5°	2014.5	2012.6	2003.8	1995.4	1991.5
21°	2014.5	2012.1	2002.8	1994.0	1990.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	2012.6	2009.6	1999.3	1989.5	1985.1
23°	2011.6	2008.7	1997.9	1988.1	1983.7
23.5°	2010.6	2007.7	1996.4	1986.1	1981.7
24°	2009.6	2006.7	1994.9	1984.2	1979.7
24.5°	2008.7	2005.2	1993.5	1982.2	1977.8
25°	2007.2	2003.8	1991.5	1980.2	1975.8
25.5°	2005.7	2002.3	1989.5	1978.3	1973.4
26°	2004.2	2000.8	1987.6	1976.3	1971.4
26.5°	2002.8	1998.9	1985.6	1973.9	1969.0
27°	2000.8	1996.9	1983.2	1971.4	1966.5
27.5°	1998.9	1994.9	1980.7	1969.0	1964.1
28°	1996.9	1992.5	1978.3	1966.5	1961.6
28.5°	1994.4	1990.0	1975.8	1963.6	1958.7
29°	1992.0	1987.6	1972.9	1960.6	1955.7
29.5°	1989.5	1984.6	1969.9	1957.7	1952.3
30°	1986.6	1981.7	1966.5	1954.3	1948.9
30.5°	1983.7	1978.8	1963.1	1950.8	1945.9
31°	1980.2	1975.3	1959.7	1947.4	1942.0
31.5°	1977.3	1971.9	1955.7	1944.0	1938.6
32°	1973.4	1968.0	1952.3	1940.0	1934.7
32.5°	1969.5	1964.1	1947.9	1935.6	1930.2
33°	1965.5	1959.7	1943.5	1931.7	1925.8
33.5°	1961.1	1955.2	1939.1	1927.3	1921.4
34°	1956.2	1950.3	1934.2	1922.4	1917.0
34.5°	1951.3	1945.4	1929.3	1917.5	1912.1
35°	1946.4	1940.0	1923.9	1912.1	1906.7
35.5°	1941.0	1934.7	1918.5	1906.7	1901.3
36°	1935.6	1928.8	1912.6	1901.3	1895.5
36.5°	1929.3	1922.9	1906.7	1895.5	1890.1
37°	1922.9	1916.5	1900.4	1889.1	1883.7
37.5°	1916.5	1909.7	1894.0	1882.7	1876.8
38°	1909.7	1903.3	1887.1	1876.3	1870.5
38.5°	1902.8	1895.9	1879.8	1869.0	1863.6
39°	1895.5	1888.1	1872.4	1862.1	1856.3
39.5°	1887.6	1880.3	1865.1	1854.3	1848.9
40°	1879.3	1872.4	1856.7	1846.5	1841.1
40.5°	1871.4	1864.1	1848.4	1838.6	1832.7
41°	1862.6	1855.3	1840.1	1829.8	1823.9
41.5°	1853.3	1846.0	1830.8	1821.0	1815.1
42°	1844.0	1836.7	1821.5	1812.1	1805.8
42.5°	1834.2	1826.9	1811.7	1802.3	1796.5
43°	1824.4	1816.6	1801.9	1792.5	1786.7
43.5°	1814.1	1806.3	1791.6	1782.3	1776.4



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	1780.3	1772.5	1758.2	1749.9	1743.5
45.5°	1768.5	1760.2	1746.5	1738.2	1732.3
46°	1756.3	1748.0	1734.2	1725.9	1720.0
46.5°	1743.5	1735.2	1722.0	1713.7	1707.8
47°	1730.3	1722.5	1708.8	1701.4	1695.0
47.5°	1717.1	1708.8	1695.5	1688.2	1681.8
48°	1703.9	1695.0	1682.3	1674.4	1668.1
48.5°	1689.6	1681.3	1668.6	1661.2	1655.3
49°	1674.4	1666.6	1653.9	1646.0	1640.6
49.5°	1659.7	1651.9	1639.2	1631.8	1625.9
50°	1644.6	1636.2	1624.5	1617.1	1611.2
50.5°	1628.9	1620.5	1608.8	1601.4	1596.0
51°	1613.2	1604.9	1593.1	1585.8	1579.9
51.5°	1596.5	1588.2	1576.4	1569.6	1564.2
52°	1579.9	1571.5	1559.8	1553.4	1548.0
52.5°	1563.2	1554.9	1543.1	1536.3	1531.4
53°	1545.1	1537.2	1526.5	1520.1	1514.7
53.5°	1526.9	1519.1	1508.3	1502.0	1497.1
54°	1508.8	1501.0	1490.2	1483.8	1479.4
54.5°	1491.2	1482.8	1472.6	1466.2	1461.8
55°	1472.1	1464.2	1453.9	1447.6	1443.2
55.5°	1453.0	1445.1	1434.8	1428.5	1424.5
56°	1432.9	1425.5	1415.2	1409.8	1405.9
56.5°	1412.8	1405.9	1395.6	1390.2	1386.3
57°	1393.2	1385.8	1376.0	1371.1	1367.2
57.5°	1373.6	1365.7	1355.9	1351.0	1347.1
58°	1352.0	1344.7	1335.3	1330.4	1327.0
58.5°	1330.9	1324.1	1314.3	1309.9	1306.4
59°	1309.9	1303.0	1293.7	1289.3	1285.9
59.5°	1287.8	1281.4	1272.1	1267.7	1264.3
60°	1266.3	1259.4	1250.6	1246.6	1243.2
60.5°	1244.2	1238.3	1229.0	1225.1	1221.7
61°	1221.7	1215.8	1207.0	1203.0	1199.6
61.5°	1198.6	1193.7	1184.9	1181.0	1178.0
62°	1176.1	1171.2	1162.4	1158.9	1156.0
62.5°	1153.1	1148.2	1139.3	1135.9	1133.0
63°	1130.0	1125.1	1116.8	1113.4	1110.4
63.5°	1106.5	1101.6	1093.8	1090.3	1087.4
64°	1083.0	1078.1	1069.7	1067.3	1063.9
64.5°	1059.5	1054.6	1046.2	1043.8	1040.8
65°	1035.4	1031.5	1023.7	1020.7	1018.8
65.5°	1011.9	1007.0	999.7	997.2	994.3
66°	986.9	983.0	975.7	973.2	971.2



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	914.4	910.0	903.6	901.2	898.7
68°	889.4	885.5	879.1	877.2	874.7
68.5°	864.4	860.5	854.1	852.7	851.2
69°	839.4	835.5	830.1	828.6	826.7
69.5°	814.9	811.0	806.1	804.6	802.2
70°	789.9	786.5	781.6	780.1	777.7
70.5°	764.9	761.5	757.1	755.6	753.2
71°	740.0	737.0	733.1	731.1	728.7
71.5°	715.5	712.5	708.1	706.6	704.7
72°	690.5	688.0	683.6	682.6	680.2
72.5°	665.5	663.5	659.1	658.1	656.2
73°	640.5	638.5	634.1	633.1	631.7
73.5°	616.0	614.0	610.1	608.6	607.2
74°	591.5	590.0	586.1	585.1	583.1
74.5°	566.5	565.5	562.1	560.6	559.1
75°	541.5	541.5	538.1	537.1	535.6
75.5°	517.5	517.5	514.0	513.1	511.6
76°	493.5	493.5	490.0	489.1	487.1
76.5°	469.2	469.4	466.5	465.5	463.9
77°	446.0	446.2	443.6	442.3	440.6
77.5°	421.1	422.3	420.2	419.0	417.4
78°	398.0	399.4	397.2	396.3	394.9
78.5°	376.1	377.0	375.6	374.5	372.6
79°	353.2	354.0	353.0	352.0	350.2
79.5°	330.7	331.9	331.3	330.4	328.2
80°	309.1	309.9	310.1	308.8	306.8
80.5°	286.3	288.1	288.4	287.1	286.1
81°	265.3	267.0	267.5	266.7	265.4
81.5°	244.6	246.6	247.1	246.6	244.9
82°	223.9	226.3	227.1	226.7	224.8
82.5°	204.1	206.8	207.6	207.3	205.5
83°	184.9	187.9	188.6	188.9	187.2
83.5°	166.3	169.2	170.1	170.4	168.6
84°	148.5	151.0	152.2	152.7	151.2
84.5°	131.5	133.6	135.0	135.6	134.9
85°	115.6	117.0	118.3	119.2	118.2
85.5°	100.1	101.2	102.2	103.6	102.8
86°	85.7	86.8	87.5	88.6	88.6
86.5°	71.9	72.5	73.0	74.3	74.3
87°	58.8	58.9	59.0	60.7	60.7
87.5°	45.4	45.8	46.0	47.4	47.9
88°	32.0	33.1	33.4	34.7	34.6
88.5°	22.6	22.6	22.6	23.9	24.2



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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-80-L950-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°	2.5	2.5	2.5	2.5	2.4
123.5°	2.5	2.6	2.5	2.4	2.5
124°	2.6	2.6	2.6	2.5	2.5
124.5°	2.7	2.6	2.6	2.5	2.5
125°	2.8	2.7	2.7	2.6	2.6
125.5°	2.8	2.8	2.7	2.6	2.7
126°	2.8	2.7	2.7	2.7	2.6
126.5°	2.7	2.8	2.8	2.7	2.7
127°	2.8	2.8	2.7	2.7	2.6
127.5°	2.9	2.9	2.8	2.7	2.6
128°	2.9	2.8	2.8	2.7	2.7
128.5°	2.8	2.8	2.7	2.6	2.7
129°	2.8	2.8	2.7	2.7	2.6
129.5°	2.7	2.8	2.7	2.7	2.7
130°	2.7	2.8	2.7	2.6	2.6
130.5°	2.8	2.7	2.7	2.5	2.6
131°	2.7	2.7	2.7	2.5	2.6
131.5°	2.7	2.6	2.5	2.5	2.5
132°	2.7	2.6	2.6	2.5	2.5
132.5°	2.7	2.6	2.5	2.5	2.5
133°	2.6	2.5	2.5	2.4	2.5
133.5°	2.6	2.5	2.4	2.3	2.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-80-L950-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	2.5	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-80-L950-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-80-L950-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°	2014.0	2011.6	2001.8	1992.5	1988.6
22°	2013.1	2010.6	2000.3	1991.0	1987.1



44°	1802.8	1795.5	1780.8	1772.0	1766.1
44.5°	1791.6	1783.7	1770.0	1760.7	1754.8



66.5°	962.9	959.0	951.6	949.2	946.7
67°	938.9	934.5	927.6	925.2	923.2



89°	14.3	14.1	13.9	14.7	14.8
89.5°	6.3	6.4	6.3	6.7	6.6



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°	2.5	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)