

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-L930-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-L930-CFR2
Description: 7000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS
AND 3000K CCT, 90CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

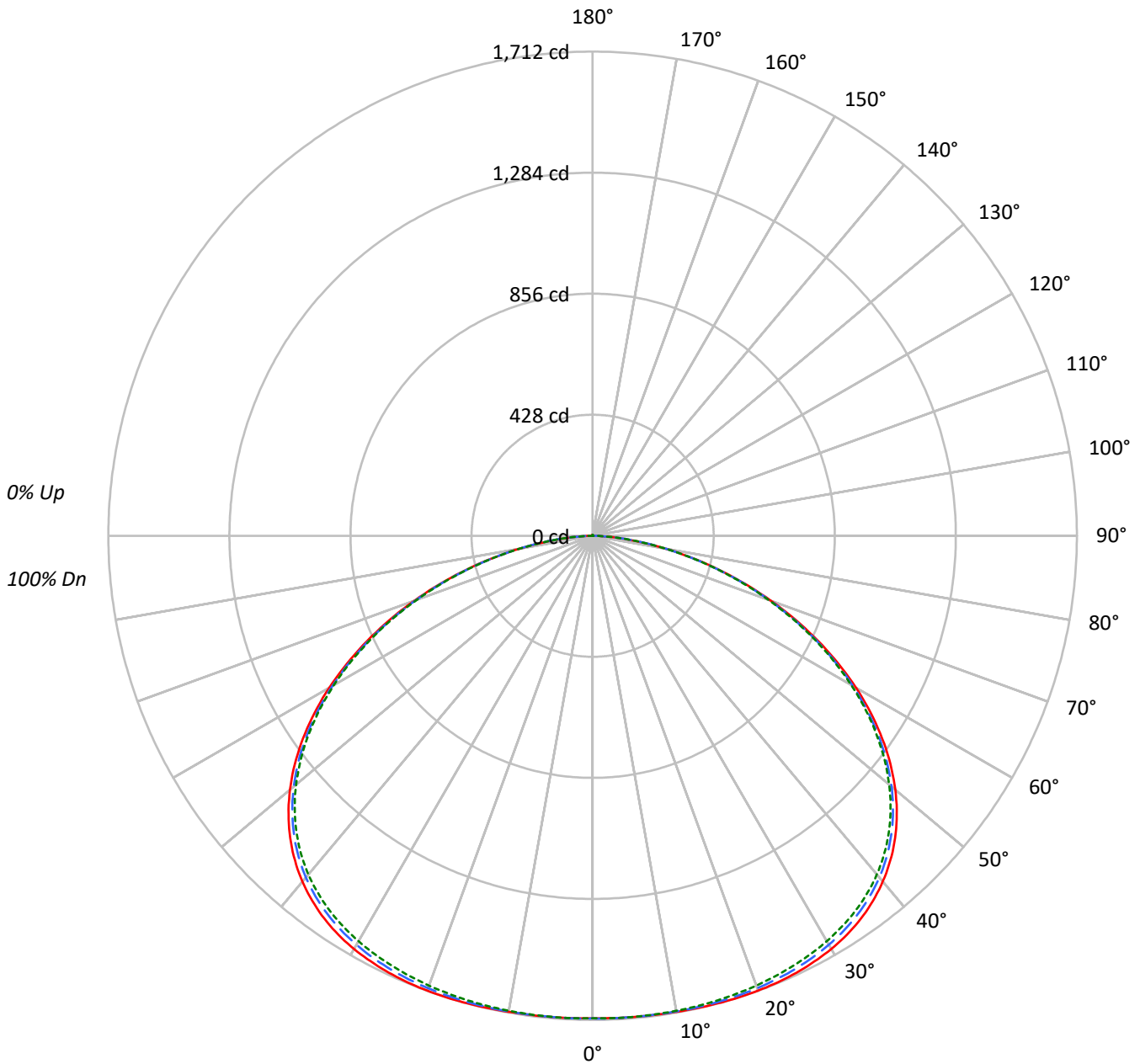
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6178.0 lumens
Efficiency: N/A
Efficacy: 113.1 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 (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°	1218	1218	1218
5°	1224	1224	1224
10°	1239	1238	1236
15°	1265	1262	1257
20°	1300	1293	1286
25°	1343	1332	1322
30°	1391	1377	1364
35°	1441	1424	1411
40°	1487	1469	1457
45°	1526	1507	1495
50°	1551	1532	1520
55°	1556	1537	1525
60°	1535	1516	1507
65°	1485	1468	1462
70°	1400	1385	1378
75°	1268	1260	1254
80°	1079	1082	1071
85°	804	823	822



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	163.0	2.6
10°-20°	483.6	7.8
20°-30°	781.7	12.7
30°-40°	1023.9	16.6
40°-50°	1151.7	18.6
50°-60°	1102.1	17.8
60°-70°	859.5	13.9
70°-80°	484.4	7.8
80°-90°	119.9	1.9
90°-100°	0.4	0.0
100°-110°	0.7	0.0
110°-120°	1.2	0.0
120°-130°	2.0	0.0
130°-140°	1.5	0.0
140°-150°	1.0	0.0
150°-160°	0.7	0.0
160°-170°	0.5	0.0
170°-180°	0.2	0.0
0°-30°	1428.3	23.1
0°-40°	2452.3	39.7
0°-60°	4706.1	76.2
0°-90°	6169.8	99.9
90°-120°	2.4	0.0
90°-150°	6.8	0.1
90°-180°	8.0	0.1
0°-180°	6178.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1706	1706	1706	1706	1706	
5°	1708	1708	1708	1708	1707	163
15°	1712	1711	1707	1703	1701	485
25°	1704	1702	1691	1682	1678	788
35°	1653	1648	1634	1624	1619	1035
45°	1512	1505	1493	1486	1481	1165
55°	1250	1243	1235	1229	1226	1114
65°	879	876	869	867	865	868
75°	460	460	457	456	455	487
85°	98	99	100	101	100	114
90°	1	1	1	1	1	5
95°	0	0	0	0	0	0
105°	1	1	1	1	1	1
115°	1	1	1	1	1	1
125°	2	2	2	2	2	2
135°	2	2	2	2	2	2
145°	2	2	2	1	2	1
155°	2	2	2	2	2	1
165°	2	2	2	2	2	0
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°	1706.2	1706.2	1706.2	1706.2	1706.2
0.5°	1705.8	1707.0	1707.4	1707.0	1706.2
1°	1706.2	1707.0	1707.4	1707.4	1706.6
1.5°	1706.6	1707.4	1707.4	1707.4	1707.0
2°	1706.6	1707.4	1707.4	1707.8	1707.0
2.5°	1707.0	1707.8	1707.8	1707.8	1707.0
3°	1707.4	1707.8	1707.8	1707.8	1707.4
3.5°	1707.4	1707.8	1707.8	1707.8	1707.4
4°	1707.8	1707.8	1707.8	1707.8	1707.4
4.5°	1707.8	1708.3	1707.8	1707.8	1707.4
5°	1707.8	1708.3	1707.8	1707.8	1707.4
5.5°	1707.8	1708.3	1707.8	1707.8	1707.4
6°	1708.3	1708.3	1707.8	1707.8	1707.0
6.5°	1708.3	1708.7	1708.3	1707.8	1707.0
7°	1708.3	1708.7	1707.8	1707.8	1707.0
7.5°	1708.3	1708.7	1707.8	1707.4	1706.6
8°	1708.7	1708.7	1708.3	1707.4	1706.6
8.5°	1708.7	1709.1	1707.8	1707.4	1706.2
9°	1709.1	1709.1	1708.3	1707.0	1706.2
9.5°	1709.1	1709.5	1707.8	1707.0	1705.8
10°	1709.5	1709.5	1707.8	1706.6	1705.4
10.5°	1709.9	1709.9	1707.8	1706.6	1705.4
11°	1709.9	1709.9	1707.8	1706.2	1704.9
11.5°	1710.3	1710.3	1707.8	1705.8	1704.5
12°	1710.3	1710.3	1707.8	1705.8	1704.1
12.5°	1710.8	1710.3	1707.4	1705.4	1703.7
13°	1710.8	1710.3	1707.4	1704.9	1703.3
13.5°	1711.2	1710.8	1707.4	1704.5	1702.9
14°	1711.2	1710.8	1707.4	1704.1	1702.0
14.5°	1711.6	1710.8	1707.0	1703.7	1701.6
15°	1711.6	1711.2	1707.0	1703.3	1701.2
15.5°	1712.0	1711.2	1706.6	1702.4	1700.4
16°	1711.6	1711.2	1706.2	1702.0	1699.5
16.5°	1712.0	1711.2	1706.2	1701.2	1698.7
17°	1712.0	1710.8	1705.8	1700.4	1698.3
17.5°	1712.0	1710.8	1704.9	1699.9	1697.4
18°	1712.0	1710.8	1704.5	1699.1	1696.2
18.5°	1712.0	1710.3	1704.1	1698.3	1695.4
19°	1711.6	1710.3	1703.7	1697.4	1694.5
19.5°	1711.6	1709.9	1702.9	1696.2	1693.3
20°	1711.2	1709.5	1702.0	1695.4	1692.5
20.5°	1710.8	1709.1	1701.6	1694.5	1691.2
21°	1710.8	1708.7	1700.8	1693.3	1690.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	1709.1	1706.6	1697.9	1689.5	1685.8
23°	1708.3	1705.8	1696.6	1688.3	1684.5
23.5°	1707.4	1704.9	1695.4	1686.6	1682.9
24°	1706.6	1704.1	1694.1	1685.0	1681.2
24.5°	1705.8	1702.9	1692.9	1683.3	1679.6
25°	1704.5	1701.6	1691.2	1681.6	1677.9
25.5°	1703.3	1700.4	1689.5	1680.0	1675.8
26°	1702.0	1699.1	1687.9	1678.3	1674.1
26.5°	1700.8	1697.4	1686.2	1676.2	1672.1
27°	1699.1	1695.8	1684.1	1674.1	1670.0
27.5°	1697.4	1694.1	1682.0	1672.1	1667.9
28°	1695.8	1692.0	1680.0	1670.0	1665.8
28.5°	1693.7	1690.0	1677.9	1667.5	1663.3
29°	1691.6	1687.9	1675.4	1665.0	1660.8
29.5°	1689.5	1685.4	1672.9	1662.5	1657.9
30°	1687.0	1682.9	1670.0	1659.6	1655.0
30.5°	1684.5	1680.4	1667.1	1656.7	1652.5
31°	1681.6	1677.5	1664.2	1653.8	1649.2
31.5°	1679.1	1674.6	1660.8	1650.8	1646.3
32°	1675.8	1671.2	1657.9	1647.5	1642.9
32.5°	1672.5	1667.9	1654.2	1643.8	1639.2
33°	1669.1	1664.2	1650.4	1640.4	1635.4
33.5°	1665.4	1660.4	1646.7	1636.7	1631.7
34°	1661.2	1656.2	1642.5	1632.5	1627.9
34.5°	1657.1	1652.1	1638.4	1628.4	1623.8
35°	1652.9	1647.5	1633.8	1623.8	1619.2
35.5°	1648.3	1642.9	1629.2	1619.2	1614.6
36°	1643.8	1637.9	1624.2	1614.6	1609.6
36.5°	1638.4	1632.9	1619.2	1609.6	1605.1
37°	1632.9	1627.5	1613.8	1604.2	1599.7
37.5°	1627.5	1621.7	1608.4	1598.8	1593.8
38°	1621.7	1616.3	1602.6	1593.4	1588.4
38.5°	1615.9	1610.1	1596.3	1587.2	1582.6
39°	1609.6	1603.4	1590.1	1581.3	1576.3
39.5°	1603.0	1596.7	1583.8	1574.7	1570.1
40°	1595.9	1590.1	1576.8	1568.0	1563.4
40.5°	1589.2	1583.0	1569.7	1561.4	1556.4
41°	1581.8	1575.5	1562.6	1553.9	1548.9
41.5°	1573.9	1567.6	1554.7	1546.4	1541.4
42°	1565.9	1559.7	1546.8	1538.9	1533.5
42.5°	1557.6	1551.4	1538.5	1530.6	1525.6
43°	1549.3	1542.6	1530.2	1522.2	1517.3
43.5°	1540.6	1533.9	1521.4	1513.5	1508.5



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	1511.8	1505.2	1493.1	1486.0	1480.6
45.5°	1501.9	1494.8	1483.1	1476.1	1471.1
46°	1491.5	1484.4	1472.7	1465.7	1460.7
46.5°	1480.6	1473.6	1462.3	1455.3	1450.3
47°	1469.4	1462.7	1451.1	1444.8	1439.4
47.5°	1458.2	1451.1	1439.9	1433.6	1428.2
48°	1446.9	1439.4	1428.6	1422.0	1416.5
48.5°	1434.9	1427.8	1417.0	1410.7	1405.7
49°	1422.0	1415.3	1404.5	1397.8	1393.2
49.5°	1409.5	1402.8	1392.0	1385.8	1380.8
50°	1396.6	1389.5	1379.5	1373.3	1368.3
50.5°	1383.3	1376.2	1366.2	1360.0	1355.4
51°	1369.9	1362.9	1352.9	1346.6	1341.6
51.5°	1355.8	1348.7	1338.7	1332.9	1328.3
52°	1341.6	1334.6	1324.6	1319.2	1314.6
52.5°	1327.5	1320.4	1310.4	1304.6	1300.4
53°	1312.1	1305.4	1296.3	1290.9	1286.3
53.5°	1296.7	1290.0	1280.9	1275.5	1271.3
54°	1281.3	1274.6	1265.5	1260.1	1256.3
54.5°	1266.3	1259.2	1250.5	1245.1	1241.4
55°	1250.1	1243.4	1234.7	1229.3	1225.5
55.5°	1233.9	1227.2	1218.5	1213.1	1209.7
56°	1216.8	1210.6	1201.8	1197.2	1193.9
56.5°	1199.7	1193.9	1185.2	1180.6	1177.3
57°	1183.1	1176.9	1168.5	1164.4	1161.0
57.5°	1166.4	1159.8	1151.5	1147.3	1144.0
58°	1148.1	1141.9	1134.0	1129.8	1126.9
58.5°	1130.2	1124.4	1116.1	1112.3	1109.4
59°	1112.3	1106.5	1098.6	1094.9	1092.0
59.5°	1093.6	1088.2	1080.3	1076.6	1073.6
60°	1075.3	1069.5	1062.0	1058.7	1055.8
60.5°	1056.6	1051.6	1043.7	1040.4	1037.4
61°	1037.4	1032.4	1025.0	1021.6	1018.7
61.5°	1017.9	1013.7	1006.2	1002.9	1000.4
62°	998.7	994.6	987.1	984.2	981.7
62.5°	979.2	975.0	967.5	964.6	962.1
63°	959.6	955.5	948.4	945.5	943.0
63.5°	939.6	935.5	928.8	925.9	923.4
64°	919.7	915.5	908.4	906.4	903.4
64.5°	899.7	895.5	888.5	886.4	883.9
65°	879.3	876.0	869.3	866.8	865.2
65.5°	859.3	855.2	848.9	846.8	844.4
66°	838.1	834.8	828.5	826.5	824.8



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	776.5	772.8	767.4	765.3	763.2
68°	755.3	752.0	746.6	744.9	742.8
68.5°	734.1	730.7	725.3	724.1	722.8
69°	712.9	709.5	704.9	703.7	702.0
69.5°	692.0	688.7	684.6	683.3	681.2
70°	670.8	667.9	663.7	662.5	660.4
70.5°	649.6	646.7	642.9	641.7	639.6
71°	628.4	625.9	622.5	620.9	618.8
71.5°	607.6	605.1	601.3	600.1	598.4
72°	586.3	584.3	580.5	579.7	577.6
72.5°	565.1	563.5	559.7	558.9	557.2
73°	543.9	542.2	538.5	537.7	536.4
73.5°	523.1	521.4	518.1	516.8	515.6
74°	502.3	501.0	497.7	496.9	495.2
74.5°	481.1	480.2	477.3	476.1	474.8
75°	459.8	459.8	456.9	456.1	454.8
75.5°	439.4	439.4	436.5	435.7	434.5
76°	419.1	419.1	416.1	415.4	413.7
76.5°	398.5	398.6	396.2	395.3	393.9
77°	378.7	378.9	376.7	375.6	374.2
77.5°	357.6	358.6	356.8	355.8	354.4
78°	337.9	339.2	337.3	336.5	335.4
78.5°	319.4	320.2	319.0	318.0	316.4
79°	300.0	300.6	299.8	299.0	297.4
79.5°	280.8	281.9	281.3	280.6	278.7
80°	262.5	263.2	263.3	262.2	260.5
80.5°	243.2	244.7	244.9	243.8	242.9
81°	225.3	226.8	227.2	226.5	225.3
81.5°	207.7	209.4	209.8	209.4	207.9
82°	190.1	192.2	192.8	192.5	190.9
82.5°	173.3	175.7	176.3	176.1	174.5
83°	157.0	159.5	160.2	160.4	159.0
83.5°	141.2	143.7	144.4	144.7	143.2
84°	126.1	128.3	129.3	129.7	128.4
84.5°	111.7	113.4	114.6	115.2	114.6
85°	98.1	99.4	100.5	101.2	100.4
85.5°	85.0	86.0	86.8	88.0	87.3
86°	72.7	73.7	74.3	75.2	75.2
86.5°	61.1	61.5	62.0	63.1	63.1
87°	49.9	50.0	50.1	51.5	51.6
87.5°	38.5	38.9	39.0	40.2	40.7
88°	27.2	28.1	28.4	29.5	29.4
88.5°	19.2	19.2	19.2	20.3	20.6



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CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L930-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.0	1.0	1.1	1.0	1.0
113°	1.1	1.0	1.0	1.0	1.0
113.5°	1.1	1.1	1.1	1.2	1.2
114°	1.2	1.2	1.2	1.2	1.2
114.5°	1.2	1.2	1.2	1.2	1.1
115°	1.2	1.2	1.2	1.2	1.2
115.5°	1.4	1.2	1.3	1.3	1.2
116°	1.3	1.4	1.4	1.3	1.3
116.5°	1.4	1.4	1.4	1.4	1.4
117°	1.5	1.5	1.5	1.5	1.3
117.5°	1.6	1.5	1.5	1.5	1.4
118°	1.6	1.5	1.6	1.5	1.5
118.5°	1.7	1.6	1.6	1.6	1.5
119°	1.7	1.7	1.7	1.6	1.6
119.5°	1.7	1.7	1.7	1.7	1.7
120°	1.8	1.8	1.8	1.7	1.8
120.5°	1.9	1.8	1.9	1.8	1.8
121°	1.9	1.9	1.9	1.9	1.8
121.5°	2.1	2.0	2.0	1.9	1.9
122°	2.0	2.1	2.0	2.0	2.0
122.5°	2.1	2.1	2.0	2.0	2.0
123°	2.2	2.2	2.1	2.1	2.0
123.5°	2.2	2.2	2.1	2.0	2.1
124°	2.2	2.2	2.2	2.1	2.1
124.5°	2.3	2.2	2.2	2.2	2.2
125°	2.4	2.3	2.3	2.2	2.2
125.5°	2.4	2.4	2.3	2.2	2.3
126°	2.4	2.3	2.3	2.3	2.2
126.5°	2.3	2.4	2.4	2.3	2.3
127°	2.4	2.4	2.3	2.3	2.2
127.5°	2.5	2.5	2.4	2.3	2.2
128°	2.5	2.4	2.4	2.3	2.3
128.5°	2.4	2.4	2.3	2.2	2.3
129°	2.4	2.4	2.3	2.3	2.2
129.5°	2.3	2.4	2.3	2.3	2.3
130°	2.3	2.4	2.3	2.2	2.2
130.5°	2.4	2.3	2.3	2.1	2.2
131°	2.3	2.3	2.3	2.2	2.2
131.5°	2.3	2.2	2.2	2.1	2.2
132°	2.3	2.2	2.2	2.1	2.1
132.5°	2.3	2.2	2.2	2.1	2.2
133°	2.2	2.1	2.1	2.0	2.1
133.5°	2.2	2.1	2.0	2.0	2.1



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L930-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	2.2	2.0	2.0	1.9	2.1
135.5°	2.0	2.1	2.0	1.9	2.0
136°	2.0	2.0	1.9	1.8	2.0
136.5°	2.0	2.0	1.9	1.8	2.0
137°	2.0	1.9	1.9	1.8	1.9
137.5°	2.0	1.9	1.8	1.7	1.8
138°	1.9	1.8	1.7	1.7	1.8
138.5°	2.0	1.8	1.8	1.7	1.8
139°	1.7	1.8	1.7	1.6	1.8
139.5°	1.8	1.7	1.7	1.6	1.8
140°	1.8	1.7	1.7	1.6	1.7
140.5°	1.8	1.7	1.7	1.6	1.7
141°	1.7	1.7	1.6	1.5	1.6
141.5°	1.6	1.7	1.7	1.5	1.6
142°	1.5	1.5	1.6	1.5	1.5
142.5°	1.5	1.6	1.6	1.5	1.5
143°	1.6	1.6	1.6	1.5	1.5
143.5°	1.6	1.6	1.6	1.5	1.5
144°	1.6	1.5	1.6	1.4	1.5
144.5°	1.5	1.5	1.5	1.5	1.5
145°	1.6	1.5	1.5	1.4	1.5
145.5°	1.5	1.5	1.5	1.4	1.6
146°	1.5	1.5	1.4	1.4	1.5
146.5°	1.6	1.5	1.4	1.4	1.5
147°	1.5	1.5	1.4	1.4	1.4
147.5°	1.5	1.5	1.4	1.4	1.5
148°	1.5	1.5	1.4	1.4	1.5
148.5°	1.6	1.5	1.4	1.4	1.5
149°	1.5	1.5	1.4	1.4	1.5
149.5°	1.6	1.4	1.4	1.4	1.6
150°	1.6	1.5	1.4	1.4	1.5
150.5°	1.5	1.5	1.4	1.4	1.5
151°	1.6	1.5	1.4	1.4	1.6
151.5°	1.6	1.5	1.4	1.4	1.6
152°	1.6	1.5	1.5	1.5	1.5
152.5°	1.6	1.5	1.4	1.5	1.6
153°	1.6	1.5	1.5	1.5	1.7
153.5°	1.7	1.5	1.4	1.5	1.6
154°	1.6	1.5	1.5	1.5	1.6
154.5°	1.6	1.5	1.5	1.6	1.7
155°	1.5	1.5	1.5	1.6	1.7
155.5°	1.6	1.5	1.5	1.5	1.7
156°	1.5	1.5	1.5	1.5	1.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L930-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	1.5	1.5	1.5	1.6	1.6
158°	1.7	1.5	1.5	1.5	1.7
158.5°	1.6	1.5	1.5	1.5	1.6
159°	1.6	1.5	1.5	1.5	1.7
159.5°	1.6	1.5	1.5	1.5	1.7
160°	1.6	1.5	1.5	1.5	1.7
160.5°	1.5	1.5	1.5	1.6	1.7
161°	1.5	1.5	1.5	1.6	1.7
161.5°	1.6	1.5	1.5	1.5	1.6
162°	1.5	1.5	1.5	1.6	1.6
162.5°	1.6	1.6	1.5	1.5	1.6
163°	1.6	1.5	1.6	1.6	1.6
163.5°	1.6	1.5	1.6	1.6	1.7
164°	1.5	1.6	1.5	1.7	1.7
164.5°	1.5	1.6	1.6	1.7	1.7
165°	1.5	1.5	1.5	1.6	1.7
165.5°	1.5	1.5	1.5	1.7	1.7
166°	1.6	1.6	1.5	1.7	1.6
166.5°	1.6	1.5	1.5	1.7	1.5
167°	1.5	1.7	1.5	1.7	1.7
167.5°	1.6	1.7	1.6	1.8	1.7
168°	1.6	1.6	1.5	1.7	1.7
168.5°	1.6	1.7	1.6	1.9	1.7
169°	1.7	1.7	1.5	1.9	1.7
169.5°	1.7	1.7	1.6	1.8	1.7
170°	1.7	1.7	1.6	1.9	1.7
170.5°	1.7	1.7	1.6	1.9	1.8
171°	1.7	1.7	1.7	1.9	1.8
171.5°	1.7	1.7	1.7	1.9	1.7
172°	1.7	1.7	1.7	1.9	1.8
172.5°	1.7	1.7	1.8	1.9	1.8
173°	1.7	1.7	1.8	1.9	1.8
173.5°	1.8	1.7	1.8	1.9	1.9
174°	1.8	1.8	2.0	1.9	1.8
174.5°	1.8	1.9	1.9	2.0	1.9
175°	2.0	1.9	2.0	2.0	1.9
175.5°	2.0	1.9	2.0	2.0	2.0
176°	2.0	2.0	2.0	1.9	1.9
176.5°	2.1	2.0	2.0	1.8	1.9
177°	2.0	2.0	1.9	1.8	1.9
177.5°	2.0	2.0	1.8	1.8	2.0
178°	1.9	1.9	1.8	1.8	1.8
178.5°	1.9	1.8	1.7	1.7	1.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L930-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	1.6	1.6	1.6	1.6	1.6



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







21.5°	1710.3	1708.3	1699.9	1692.0	1688.7
22°	1709.5	1707.4	1698.7	1690.8	1687.5



44°	1531.0	1524.7	1512.3	1504.8	1499.8
44.5°	1521.4	1514.8	1503.1	1495.2	1490.2



66.5°	817.7	814.4	808.1	806.1	804.0
67°	797.3	793.6	787.8	785.7	784.0



89°	12.2	11.9	11.8	12.4	12.6
89.5°	5.4	5.5	5.3	5.7	5.6



111.5°	1.0	0.9	1.0	1.0	0.9
112°	1.0	1.0	1.0	1.0	1.0



134°	2.1	2.1	2.0	2.0	2.1
134.5°	2.2	2.0	2.0	1.9	2.0



156.5°	1.6	1.5	1.5	1.6	1.6
157°	1.6	1.5	1.5	1.5	1.6



179°	1.8	1.7	1.7	1.7	1.8
179.5°	1.6	1.7	1.6	1.6	1.7



(END OF REPORT)