

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-L940-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-L940-CFR2
Description: 7000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS
AND 4000K CCT, 90CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

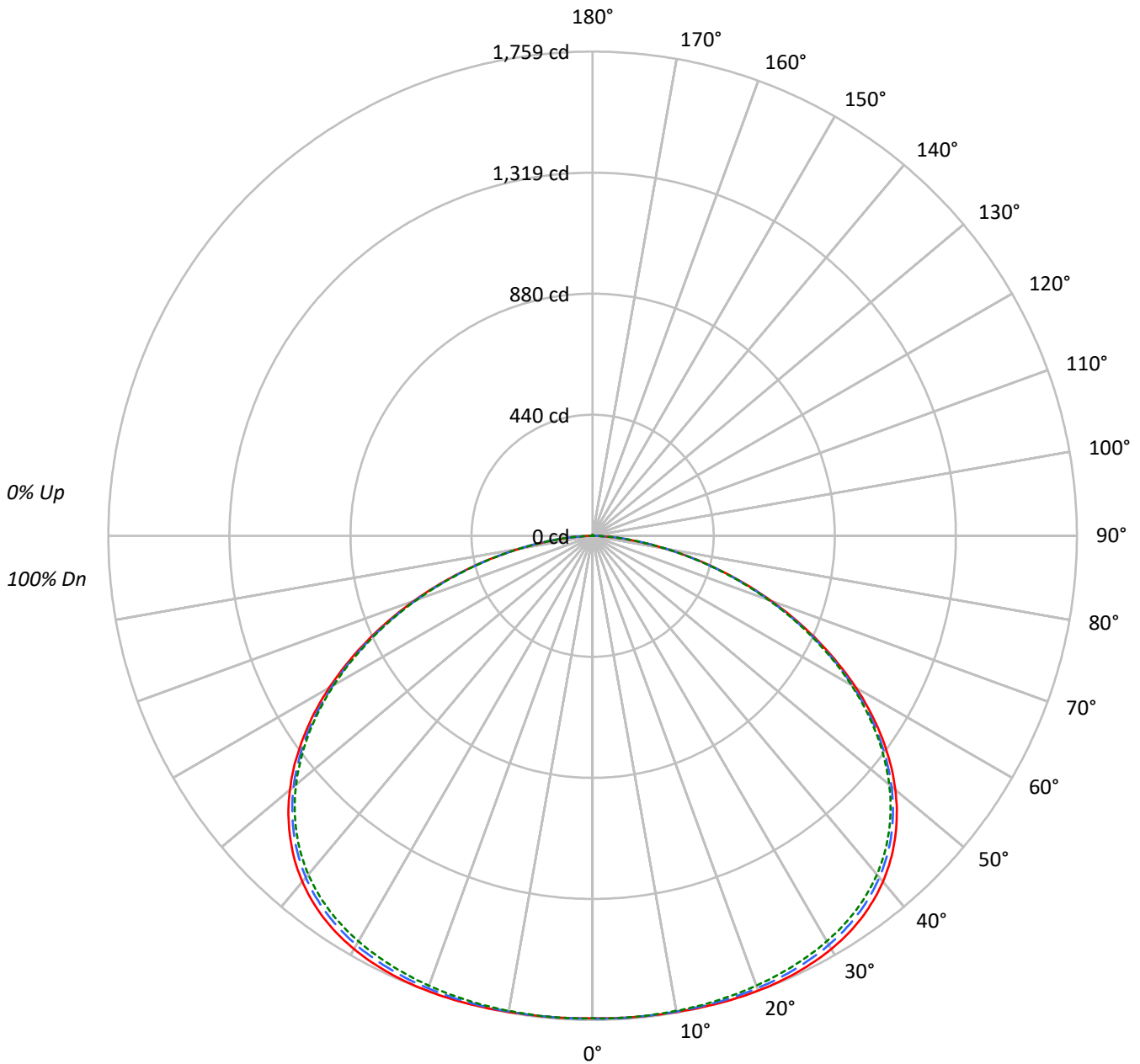
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6349.0 lumens
Efficiency: N/A
Efficacy: 116.3 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°	1252	1252	1252
5°	1258	1258	1257
10°	1274	1272	1270
15°	1300	1297	1292
20°	1336	1329	1321
25°	1380	1369	1358
30°	1429	1415	1402
35°	1480	1463	1450
40°	1528	1510	1497
45°	1569	1549	1536
50°	1594	1575	1562
55°	1599	1579	1568
60°	1578	1558	1549
65°	1526	1509	1502
70°	1439	1424	1417
75°	1304	1295	1289
80°	1109	1112	1101
85°	826	846	845



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	167.5	2.6
10°-20°	497.0	7.8
20°-30°	803.4	12.7
30°-40°	1052.3	16.6
40°-50°	1183.6	18.6
50°-60°	1132.6	17.8
60°-70°	883.3	13.9
70°-80°	497.8	7.8
80°-90°	123.2	1.9
90°-100°	0.4	0.0
100°-110°	0.7	0.0
110°-120°	1.3	0.0
120°-130°	2.0	0.0
130°-140°	1.6	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°	1467.9	23.1
0°-40°	2520.1	39.7
0°-60°	4836.3	76.2
0°-90°	6340.6	99.9
90°-120°	2.4	0.0
90°-150°	7.0	0.1
90°-180°	8.0	0.1
0°-180°	6349.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1753	1753	1753	1753	1753	
5°	1755	1756	1755	1755	1755	168
15°	1759	1758	1754	1750	1748	499
25°	1752	1749	1738	1728	1724	810
35°	1699	1693	1679	1669	1664	1063
45°	1554	1547	1534	1527	1522	1197
55°	1285	1278	1269	1263	1260	1145
65°	904	900	893	891	889	892
75°	473	473	470	469	467	501
85°	101	102	103	104	103	117
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°	1753.4	1753.4	1753.4	1753.4	1753.4
0.5°	1753.0	1754.3	1754.7	1754.3	1753.4
1°	1753.4	1754.3	1754.7	1754.7	1753.8
1.5°	1753.8	1754.7	1754.7	1754.7	1754.3
2°	1753.8	1754.7	1754.7	1755.1	1754.3
2.5°	1754.3	1755.1	1755.1	1755.1	1754.3
3°	1754.7	1755.1	1755.1	1755.1	1754.7
3.5°	1754.7	1755.1	1755.1	1755.1	1754.7
4°	1755.1	1755.1	1755.1	1755.1	1754.7
4.5°	1755.1	1755.5	1755.1	1755.1	1754.7
5°	1755.1	1755.5	1755.1	1755.1	1754.7
5.5°	1755.1	1755.5	1755.1	1755.1	1754.7
6°	1755.5	1755.5	1755.1	1755.1	1754.3
6.5°	1755.5	1756.0	1755.5	1755.1	1754.3
7°	1755.5	1756.0	1755.1	1755.1	1754.3
7.5°	1755.5	1756.0	1755.1	1754.7	1753.8
8°	1756.0	1756.0	1755.5	1754.7	1753.8
8.5°	1756.0	1756.4	1755.1	1754.7	1753.4
9°	1756.4	1756.4	1755.5	1754.3	1753.4
9.5°	1756.4	1756.8	1755.1	1754.3	1753.0
10°	1756.8	1756.8	1755.1	1753.8	1752.6
10.5°	1757.3	1757.3	1755.1	1753.8	1752.6
11°	1757.3	1757.3	1755.1	1753.4	1752.1
11.5°	1757.7	1757.7	1755.1	1753.0	1751.7
12°	1757.7	1757.7	1755.1	1753.0	1751.3
12.5°	1758.1	1757.7	1754.7	1752.6	1750.8
13°	1758.1	1757.7	1754.7	1752.1	1750.4
13.5°	1758.5	1758.1	1754.7	1751.7	1750.0
14°	1758.5	1758.1	1754.7	1751.3	1749.1
14.5°	1759.0	1758.1	1754.3	1750.8	1748.7
15°	1759.0	1758.5	1754.3	1750.4	1748.3
15.5°	1759.4	1758.5	1753.8	1749.6	1747.4
16°	1759.0	1758.5	1753.4	1749.1	1746.6
16.5°	1759.4	1758.5	1753.4	1748.3	1745.7
17°	1759.4	1758.1	1753.0	1747.4	1745.3
17.5°	1759.4	1758.1	1752.1	1747.0	1744.4
18°	1759.4	1758.1	1751.7	1746.1	1743.1
18.5°	1759.4	1757.7	1751.3	1745.3	1742.3
19°	1759.0	1757.7	1750.8	1744.4	1741.4
19.5°	1759.0	1757.3	1750.0	1743.1	1740.2
20°	1758.5	1756.8	1749.1	1742.3	1739.3
20.5°	1758.1	1756.4	1748.7	1741.4	1738.0
21°	1758.1	1756.0	1747.8	1740.2	1736.7



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	1756.4	1753.8	1744.9	1736.3	1732.5
23°	1755.5	1753.0	1743.6	1735.0	1731.2
23.5°	1754.7	1752.1	1742.3	1733.3	1729.5
24°	1753.8	1751.3	1741.0	1731.6	1727.7
24.5°	1753.0	1750.0	1739.7	1729.9	1726.0
25°	1751.7	1748.7	1738.0	1728.2	1724.3
25.5°	1750.4	1747.4	1736.3	1726.5	1722.2
26°	1749.1	1746.1	1734.6	1724.8	1720.5
26.5°	1747.8	1744.4	1732.9	1722.6	1718.3
27°	1746.1	1742.7	1730.7	1720.5	1716.2
27.5°	1744.4	1741.0	1728.6	1718.3	1714.1
28°	1742.7	1738.9	1726.5	1716.2	1711.9
28.5°	1740.6	1736.7	1724.3	1713.6	1709.4
29°	1738.4	1734.6	1721.8	1711.1	1706.8
29.5°	1736.3	1732.0	1719.2	1708.5	1703.8
30°	1733.7	1729.5	1716.2	1705.5	1700.8
30.5°	1731.2	1726.9	1713.2	1702.5	1698.2
31°	1728.2	1723.9	1710.2	1699.5	1694.8
31.5°	1725.6	1720.9	1706.8	1696.5	1691.8
32°	1722.2	1717.5	1703.8	1693.1	1688.4
32.5°	1718.8	1714.1	1700.0	1689.3	1684.6
33°	1715.3	1710.2	1696.1	1685.8	1680.7
33.5°	1711.5	1706.4	1692.3	1682.0	1676.9
34°	1707.2	1702.1	1688.0	1677.7	1673.0
34.5°	1702.9	1697.8	1683.7	1673.4	1668.7
35°	1698.7	1693.1	1679.0	1668.7	1664.0
35.5°	1694.0	1688.4	1674.3	1664.0	1659.3
36°	1689.3	1683.3	1669.2	1659.3	1654.2
36.5°	1683.7	1678.1	1664.0	1654.2	1649.5
37°	1678.1	1672.6	1658.5	1648.6	1643.9
37.5°	1672.6	1666.6	1652.9	1643.1	1637.9
38°	1666.6	1661.0	1646.9	1637.5	1632.4
38.5°	1660.6	1654.6	1640.5	1631.1	1626.4
39°	1654.2	1647.8	1634.1	1625.1	1620.0
39.5°	1647.3	1640.9	1627.7	1618.3	1613.6
40°	1640.1	1634.1	1620.4	1611.4	1606.7
40.5°	1633.2	1626.8	1613.1	1604.6	1599.5
41°	1625.5	1619.1	1605.9	1596.9	1591.8
41.5°	1617.4	1611.0	1597.7	1589.2	1584.1
42°	1609.3	1602.9	1589.6	1581.5	1575.9
42.5°	1600.7	1594.3	1581.1	1572.9	1567.8
43°	1592.2	1585.3	1572.5	1564.4	1559.3
43.5°	1583.2	1576.4	1563.5	1555.4	1550.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	1553.7	1546.8	1534.4	1527.2	1521.6
45.5°	1543.4	1536.2	1524.2	1516.9	1511.8
46°	1532.7	1525.5	1513.5	1506.2	1501.1
46.5°	1521.6	1514.3	1502.8	1495.5	1490.4
47°	1510.1	1503.2	1491.3	1484.8	1479.3
47.5°	1498.5	1491.3	1479.7	1473.3	1467.7
48°	1487.0	1479.3	1468.2	1461.3	1455.8
48.5°	1474.6	1467.3	1456.2	1449.8	1444.6
49°	1461.3	1454.5	1443.4	1436.5	1431.8
49.5°	1448.5	1441.6	1430.5	1424.1	1419.0
50°	1435.2	1428.0	1417.7	1411.3	1406.1
50.5°	1421.5	1414.3	1404.0	1397.6	1392.9
51°	1407.9	1400.6	1390.3	1383.9	1378.8
51.5°	1393.3	1386.0	1375.8	1369.8	1365.1
52°	1378.8	1371.5	1361.2	1355.7	1351.0
52.5°	1364.2	1357.0	1346.7	1340.7	1336.4
53°	1348.4	1341.6	1332.2	1326.6	1321.9
53.5°	1332.6	1325.7	1316.3	1310.8	1306.5
54°	1316.8	1309.9	1300.5	1295.0	1291.1
54.5°	1301.4	1294.1	1285.1	1279.6	1275.7
55°	1284.7	1277.9	1268.9	1263.3	1259.5
55.5°	1268.0	1261.2	1252.2	1246.6	1243.2
56°	1250.5	1244.1	1235.1	1230.4	1227.0
56.5°	1232.9	1227.0	1218.0	1213.3	1209.9
57°	1215.8	1209.4	1200.9	1196.6	1193.2
57.5°	1198.7	1191.9	1183.3	1179.1	1175.6
58°	1179.9	1173.5	1165.4	1161.1	1158.1
58.5°	1161.5	1155.5	1147.0	1143.1	1140.1
59°	1143.1	1137.2	1129.0	1125.2	1122.2
59.5°	1123.9	1118.3	1110.2	1106.4	1103.4
60°	1105.1	1099.1	1091.4	1088.0	1085.0
60.5°	1085.8	1080.7	1072.6	1069.2	1066.2
61°	1066.2	1061.0	1053.3	1049.9	1046.9
61.5°	1046.1	1041.8	1034.1	1030.7	1028.1
62°	1026.4	1022.1	1014.4	1011.4	1008.9
62.5°	1006.3	1002.0	994.3	991.3	988.8
63°	986.2	981.9	974.6	971.6	969.1
63.5°	965.7	961.4	954.5	951.5	949.0
64°	945.1	940.9	933.6	931.4	928.5
64.5°	924.6	920.3	913.1	910.9	908.4
65°	903.6	900.2	893.4	890.8	889.1
65.5°	883.1	878.8	872.4	870.3	867.7
66°	861.3	857.9	851.5	849.3	847.6



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	798.0	794.2	788.6	786.5	784.3
68°	776.2	772.8	767.2	765.5	763.4
68.5°	754.4	751.0	745.4	744.1	742.8
69°	732.6	729.2	724.5	723.2	721.5
69.5°	711.2	707.8	703.5	702.2	700.1
70°	689.4	686.4	682.1	680.8	678.7
70.5°	667.6	664.6	660.7	659.5	657.3
71°	645.8	643.2	639.8	638.1	635.9
71.5°	624.4	621.8	618.0	616.7	615.0
72°	602.6	600.4	596.6	595.7	593.6
72.5°	580.8	579.1	575.2	574.3	572.6
73°	559.0	557.2	553.4	552.5	551.3
73.5°	537.6	535.9	532.4	531.2	529.9
74°	516.2	514.9	511.5	510.6	508.9
74.5°	494.4	493.5	490.5	489.2	488.0
75°	472.6	472.6	469.6	468.7	467.4
75.5°	451.6	451.6	448.6	447.8	446.5
76°	430.7	430.7	427.7	426.8	425.1
76.5°	409.5	409.7	407.1	406.2	404.8
77°	389.2	389.4	387.1	386.0	384.6
77.5°	367.5	368.6	366.7	365.7	364.2
78°	347.3	348.6	346.7	345.8	344.7
78.5°	328.2	329.0	327.8	326.8	325.2
79°	308.3	308.9	308.1	307.2	305.6
79.5°	288.6	289.7	289.1	288.3	286.4
80°	269.7	270.5	270.6	269.5	267.7
80.5°	249.9	251.5	251.7	250.6	249.7
81°	231.5	233.0	233.5	232.8	231.6
81.5°	213.5	215.2	215.6	215.2	213.7
82°	195.4	197.5	198.2	197.9	196.2
82.5°	178.1	180.5	181.2	180.9	179.4
83°	161.4	164.0	164.6	164.8	163.4
83.5°	145.1	147.6	148.4	148.7	147.1
84°	129.6	131.8	132.8	133.3	131.9
84.5°	114.8	116.6	117.8	118.4	117.7
85°	100.8	102.1	103.3	104.0	103.2
85.5°	87.3	88.4	89.2	90.4	89.7
86°	74.8	75.8	76.4	77.3	77.3
86.5°	62.8	63.3	63.7	64.8	64.8
87°	51.3	51.4	51.5	52.9	53.0
87.5°	39.6	39.9	40.1	41.4	41.8
88°	27.9	28.9	29.2	30.3	30.2
88.5°	19.8	19.8	19.7	20.9	21.1



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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	0.3	0.3	0.3	0.3
91°	0.3	0.3	0.3	0.3	0.3
91.5°	0.4	0.3	0.3	0.3	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	0.3
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°	0.6	0.5	0.5	0.5	0.6
98.5°	0.6	0.5	0.4	0.4	0.5
99°	0.5	0.5	0.5	0.4	0.5
99.5°	0.6	0.4	0.5	0.5	0.5
100°	0.6	0.5	0.5	0.5	0.6
100.5°	0.6	0.6	0.5	0.6	0.6
101°	0.6	0.5	0.5	0.5	0.5
101.5°	0.6	0.5	0.6	0.6	0.6
102°	0.7	0.6	0.6	0.6	0.6
102.5°	0.6	0.6	0.6	0.6	0.6
103°	0.6	0.5	0.6	0.6	0.6
103.5°	0.6	0.6	0.6	0.6	0.6
104°	0.7	0.6	0.6	0.6	0.6
104.5°	0.6	0.7	0.7	0.7	0.6
105°	0.8	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	0.8
106.5°	0.8	0.7	0.7	0.7	0.6
107°	0.7	0.7	0.8	0.8	0.7
107.5°	0.8	0.7	0.8	0.8	0.8
108°	0.8	0.7	0.7	0.8	0.7
108.5°	0.8	0.8	0.8	0.8	0.7
109°	0.9	0.8	0.8	0.8	0.9
109.5°	0.9	0.8	0.9	0.9	0.8
110°	0.9	0.9	0.9	0.9	0.9
110.5°	0.9	0.9	0.9	0.9	0.9
111°	0.9	0.9	0.9	0.9	0.9



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L940-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.0	1.1	1.1	1.1	1.0
113°	1.2	1.0	1.0	1.1	1.1
113.5°	1.2	1.2	1.2	1.2	1.2
114°	1.2	1.2	1.2	1.2	1.2
114.5°	1.3	1.3	1.2	1.2	1.2
115°	1.3	1.3	1.2	1.3	1.2
115.5°	1.4	1.3	1.4	1.3	1.2
116°	1.4	1.4	1.4	1.4	1.3
116.5°	1.5	1.5	1.5	1.5	1.4
117°	1.5	1.5	1.5	1.5	1.4
117.5°	1.6	1.5	1.6	1.5	1.5
118°	1.6	1.6	1.7	1.6	1.5
118.5°	1.8	1.7	1.7	1.6	1.6
119°	1.8	1.8	1.8	1.7	1.7
119.5°	1.8	1.8	1.8	1.8	1.7
120°	1.9	1.9	1.8	1.8	1.8
120.5°	1.9	1.8	1.9	1.9	1.8
121°	1.9	1.9	1.9	1.9	1.8
121.5°	2.1	2.1	2.0	1.9	1.9
122°	2.0	2.1	2.1	2.0	2.1
122.5°	2.2	2.1	2.1	2.1	2.0
123°	2.2	2.2	2.1	2.1	2.1
123.5°	2.2	2.3	2.2	2.1	2.2
124°	2.3	2.3	2.3	2.2	2.2
124.5°	2.4	2.3	2.3	2.2	2.2
125°	2.5	2.4	2.4	2.3	2.3
125.5°	2.5	2.4	2.4	2.3	2.4
126°	2.5	2.4	2.4	2.4	2.3
126.5°	2.4	2.4	2.5	2.4	2.4
127°	2.5	2.5	2.4	2.4	2.3
127.5°	2.6	2.5	2.5	2.4	2.3
128°	2.6	2.4	2.4	2.4	2.4
128.5°	2.5	2.5	2.4	2.3	2.4
129°	2.4	2.4	2.4	2.4	2.3
129.5°	2.4	2.4	2.4	2.4	2.4
130°	2.4	2.4	2.4	2.3	2.3
130.5°	2.5	2.4	2.4	2.2	2.3
131°	2.4	2.4	2.4	2.2	2.3
131.5°	2.4	2.3	2.2	2.2	2.2
132°	2.4	2.3	2.3	2.2	2.2
132.5°	2.4	2.3	2.2	2.2	2.2
133°	2.3	2.2	2.2	2.1	2.1
133.5°	2.3	2.2	2.1	2.0	2.1



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L940-CFR2

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L940-CFR2

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L940-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	1.7	1.7	1.7	1.7	1.7



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







21.5°	1757.7	1755.5	1747.0	1738.9	1735.4
22°	1756.8	1754.7	1745.7	1737.6	1734.2



44°	1573.4	1566.9	1554.1	1546.4	1541.3
44.5°	1563.5	1556.7	1544.7	1536.6	1531.5



66.5°	840.4	836.9	830.5	828.4	826.2
67°	819.4	815.5	809.6	807.4	805.7



89°	12.5	12.3	12.1	12.8	13.0
89.5°	5.5	5.6	5.5	5.9	5.8



111.5°	1.1	0.9	1.0	1.0	0.9
112°	1.1	1.0	1.0	1.0	1.1



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



156.5°	1.7	1.5	1.6	1.6	1.7
157°	1.6	1.5	1.6	1.6	1.7



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



(END OF REPORT)