

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-L935-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-70-L935-CFD2
Description: 7000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS
AND 3500K CCT, 90CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

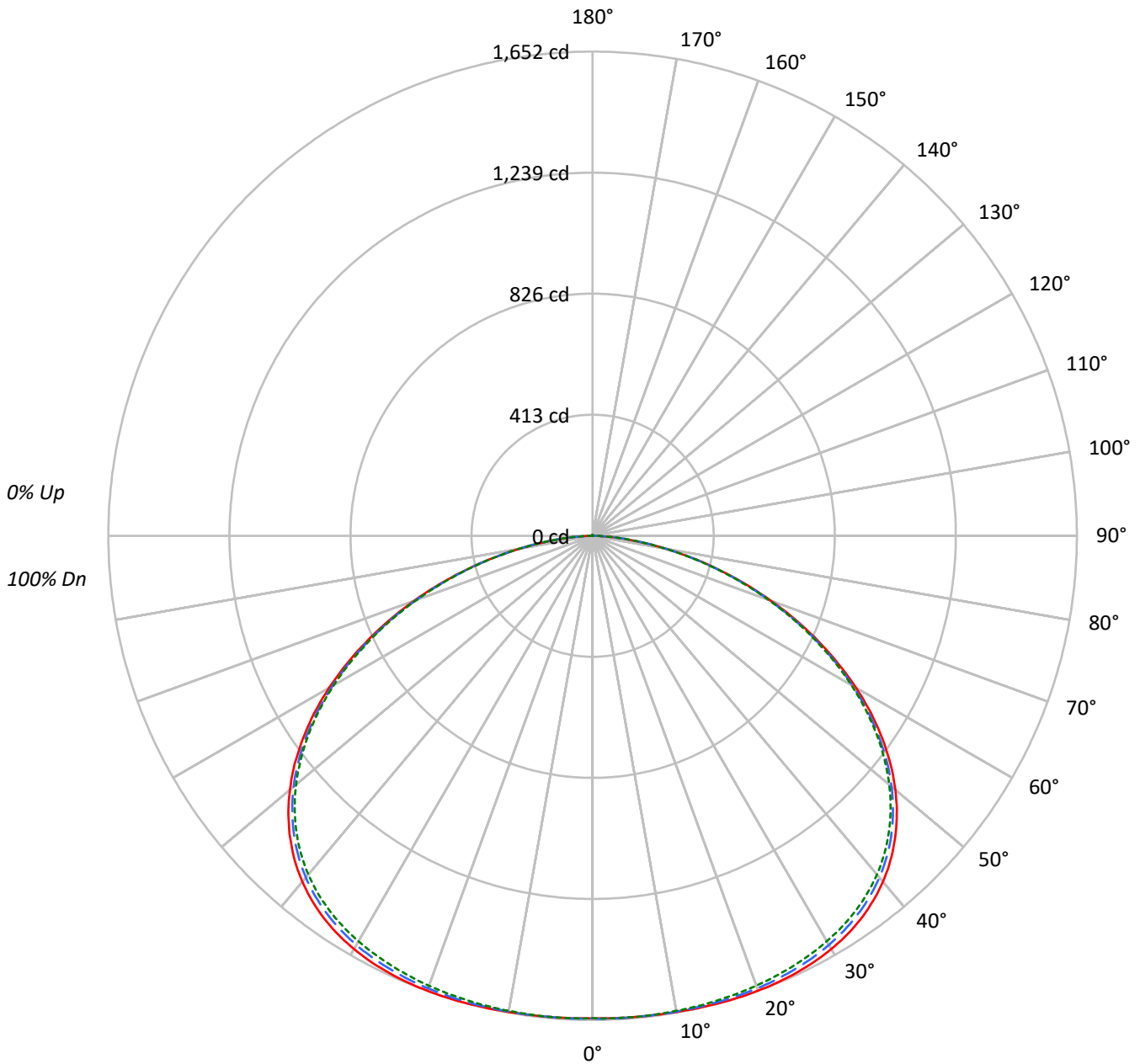
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5963.0 lumens
Efficiency: N/A
Efficacy: 109.2 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): 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°	1176	1176	1176
5°	1177	1175	1177
10°	1187	1182	1184
15°	1207	1198	1200
20°	1235	1221	1222
25°	1270	1250	1251
30°	1310	1284	1285
35°	1350	1318	1322
40°	1386	1350	1357
45°	1413	1372	1383
50°	1424	1379	1395
55°	1415	1365	1387
60°	1379	1324	1354
65°	1313	1254	1292
70°	1209	1146	1190
75°	1055	992	1044
80°	837	777	831
85°	520	469	532



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	157.4	2.6
10°-20°	466.7	7.8
20°-30°	754.5	12.7
30°-40°	988.3	16.6
40°-50°	1111.6	18.6
50°-60°	1063.7	17.8
60°-70°	829.6	13.9
70°-80°	467.5	7.8
80°-90°	115.7	1.9
90°-100°	0.4	0.0
100°-110°	0.7	0.0
110°-120°	1.2	0.0
120°-130°	1.9	0.0
130°-140°	1.5	0.0
140°-150°	0.9	0.0
150°-160°	0.7	0.0
160°-170°	0.4	0.0
170°-180°	0.2	0.0
0°-30°	1378.6	23.1
0°-40°	2366.9	39.7
0°-60°	4542.3	76.2
0°-90°	5955.1	99.9
90°-120°	2.3	0.0
90°-150°	6.6	0.1
90°-180°	8.0	0.1
0°-180°	5963.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1647	1647	1647	1647	1647	
5°	1648	1649	1648	1648	1648	157
15°	1652	1652	1648	1644	1642	468
25°	1645	1642	1632	1623	1620	760
35°	1595	1590	1577	1567	1563	999
45°	1459	1453	1441	1434	1429	1124
55°	1207	1200	1192	1186	1183	1075
65°	849	846	839	837	835	838
75°	444	444	441	440	439	470
85°	95	96	97	98	97	110
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	1	2	1	1	1
155°	2	2	2	2	2	1
165°	2	2	1	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°	1646.8	1646.8	1646.8	1646.8	1646.8
0.5°	1646.4	1647.6	1648.0	1647.6	1646.8
1°	1646.8	1647.6	1648.0	1648.0	1647.2
1.5°	1647.2	1648.0	1648.0	1648.0	1647.6
2°	1647.2	1648.0	1648.0	1648.4	1647.6
2.5°	1647.6	1648.4	1648.4	1648.4	1647.6
3°	1648.0	1648.4	1648.4	1648.4	1648.0
3.5°	1648.0	1648.4	1648.4	1648.4	1648.0
4°	1648.4	1648.4	1648.4	1648.4	1648.0
4.5°	1648.4	1648.8	1648.4	1648.4	1648.0
5°	1648.4	1648.8	1648.4	1648.4	1648.0
5.5°	1648.4	1648.8	1648.4	1648.4	1648.0
6°	1648.8	1648.8	1648.4	1648.4	1647.6
6.5°	1648.8	1649.2	1648.8	1648.4	1647.6
7°	1648.8	1649.2	1648.4	1648.4	1647.6
7.5°	1648.8	1649.2	1648.4	1648.0	1647.2
8°	1649.2	1649.2	1648.8	1648.0	1647.2
8.5°	1649.2	1649.6	1648.4	1648.0	1646.8
9°	1649.6	1649.6	1648.8	1647.6	1646.8
9.5°	1649.6	1650.0	1648.4	1647.6	1646.4
10°	1650.0	1650.0	1648.4	1647.2	1646.0
10.5°	1650.4	1650.4	1648.4	1647.2	1646.0
11°	1650.4	1650.4	1648.4	1646.8	1645.6
11.5°	1650.8	1650.8	1648.4	1646.4	1645.2
12°	1650.8	1650.8	1648.4	1646.4	1644.8
12.5°	1651.2	1650.8	1648.0	1646.0	1644.4
13°	1651.2	1650.8	1648.0	1645.6	1644.0
13.5°	1651.6	1651.2	1648.0	1645.2	1643.6
14°	1651.6	1651.2	1648.0	1644.8	1642.8
14.5°	1652.0	1651.2	1647.6	1644.4	1642.4
15°	1652.0	1651.6	1647.6	1644.0	1642.0
15.5°	1652.4	1651.6	1647.2	1643.2	1641.2
16°	1652.0	1651.6	1646.8	1642.8	1640.4
16.5°	1652.4	1651.6	1646.8	1642.0	1639.6
17°	1652.4	1651.2	1646.4	1641.2	1639.2
17.5°	1652.4	1651.2	1645.6	1640.8	1638.4
18°	1652.4	1651.2	1645.2	1640.0	1637.2
18.5°	1652.4	1650.8	1644.8	1639.2	1636.4
19°	1652.0	1650.8	1644.4	1638.4	1635.6
19.5°	1652.0	1650.4	1643.6	1637.2	1634.4
20°	1651.6	1650.0	1642.8	1636.4	1633.6
20.5°	1651.2	1649.6	1642.4	1635.6	1632.3
21°	1651.2	1649.2	1641.6	1634.4	1631.1



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	1649.6	1647.2	1638.8	1630.7	1627.1
23°	1648.8	1646.4	1637.6	1629.5	1625.9
23.5°	1648.0	1645.6	1636.4	1627.9	1624.3
24°	1647.2	1644.8	1635.2	1626.3	1622.7
24.5°	1646.4	1643.6	1634.0	1624.7	1621.1
25°	1645.2	1642.4	1632.3	1623.1	1619.5
25.5°	1644.0	1641.2	1630.7	1621.5	1617.5
26°	1642.8	1640.0	1629.1	1619.9	1615.9
26.5°	1641.6	1638.4	1627.5	1617.9	1613.9
27°	1640.0	1636.8	1625.5	1615.9	1611.9
27.5°	1638.4	1635.2	1623.5	1613.9	1609.9
28°	1636.8	1633.2	1621.5	1611.9	1607.8
28.5°	1634.8	1631.1	1619.5	1609.5	1605.4
29°	1632.7	1629.1	1617.1	1607.0	1603.0
29.5°	1630.7	1626.7	1614.7	1604.6	1600.2
30°	1628.3	1624.3	1611.9	1601.8	1597.4
30.5°	1625.9	1621.9	1609.1	1599.0	1595.0
31°	1623.1	1619.1	1606.2	1596.2	1591.8
31.5°	1620.7	1616.3	1603.0	1593.4	1589.0
32°	1617.5	1613.1	1600.2	1590.2	1585.8
32.5°	1614.3	1609.9	1596.6	1586.6	1582.1
33°	1611.1	1606.2	1593.0	1583.3	1578.5
33.5°	1607.4	1602.6	1589.4	1579.7	1574.9
34°	1603.4	1598.6	1585.4	1575.7	1571.3
34.5°	1599.4	1594.6	1581.3	1571.7	1567.3
35°	1595.4	1590.2	1576.9	1567.3	1562.9
35.5°	1591.0	1585.8	1572.5	1562.9	1558.4
36°	1586.6	1580.9	1567.7	1558.4	1553.6
36.5°	1581.3	1576.1	1562.9	1553.6	1549.2
37°	1576.1	1570.9	1557.6	1548.4	1544.0
37.5°	1570.9	1565.3	1552.4	1543.2	1538.4
38°	1565.3	1560.0	1546.8	1538.0	1533.1
38.5°	1559.6	1554.0	1540.8	1531.9	1527.5
39°	1553.6	1547.6	1534.7	1526.3	1521.5
39.5°	1547.2	1541.2	1528.7	1519.9	1515.5
40°	1540.4	1534.7	1521.9	1513.5	1509.0
40.5°	1533.9	1527.9	1515.1	1507.0	1502.2
41°	1526.7	1520.7	1508.2	1499.8	1495.0
41.5°	1519.1	1513.1	1500.6	1492.6	1487.7
42°	1511.4	1505.4	1493.0	1485.3	1480.1
42.5°	1503.4	1497.4	1484.9	1477.3	1472.5
43°	1495.4	1489.0	1476.9	1469.3	1464.5
43.5°	1486.9	1480.5	1468.5	1460.8	1456.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	1459.2	1452.8	1441.2	1434.3	1429.1
45.5°	1449.6	1442.8	1431.5	1424.7	1419.9
46°	1439.6	1432.7	1421.5	1414.6	1409.8
46.5°	1429.1	1422.3	1411.4	1404.6	1399.8
47°	1418.3	1411.8	1400.6	1394.6	1389.3
47.5°	1407.4	1400.6	1389.7	1383.7	1378.5
48°	1396.6	1389.3	1378.9	1372.5	1367.3
48.5°	1384.9	1378.1	1367.7	1361.6	1356.8
49°	1372.5	1366.0	1355.6	1349.2	1344.8
49.5°	1360.4	1354.0	1343.6	1337.5	1332.7
50°	1348.0	1341.1	1331.5	1325.5	1320.7
50.5°	1335.1	1328.3	1318.7	1312.6	1308.2
51°	1322.3	1315.4	1305.8	1299.8	1295.0
51.5°	1308.6	1301.8	1292.1	1286.5	1282.1
52°	1295.0	1288.1	1278.5	1273.3	1268.8
52.5°	1281.3	1274.5	1264.8	1259.2	1255.2
53°	1266.4	1260.0	1251.2	1246.0	1241.5
53.5°	1251.6	1245.1	1236.3	1231.1	1227.1
54°	1236.7	1230.3	1221.4	1216.2	1212.6
54.5°	1222.3	1215.4	1207.0	1201.8	1198.2
55°	1206.6	1200.2	1191.7	1186.5	1182.9
55.5°	1190.9	1184.5	1176.1	1170.8	1167.6
56°	1174.5	1168.4	1160.0	1155.6	1152.4
56.5°	1158.0	1152.4	1143.9	1139.5	1136.3
57°	1141.9	1135.9	1127.9	1123.8	1120.6
57.5°	1125.9	1119.4	1111.4	1107.4	1104.2
58°	1108.2	1102.2	1094.5	1090.5	1087.7
58.5°	1090.9	1085.3	1077.3	1073.6	1070.8
59°	1073.6	1068.0	1060.4	1056.8	1054.0
59.5°	1055.6	1050.3	1042.7	1039.1	1036.3
60°	1037.9	1032.3	1025.0	1021.8	1019.0
60.5°	1019.8	1015.0	1007.4	1004.2	1001.3
61°	1001.3	996.5	989.3	986.1	983.3
61.5°	982.5	978.4	971.2	968.0	965.6
62°	964.0	960.0	952.7	949.9	947.5
62.5°	945.1	941.1	933.9	931.0	928.6
63°	926.2	922.2	915.4	912.6	910.2
63.5°	906.9	902.9	896.5	893.7	891.3
64°	887.7	883.7	876.8	874.8	872.0
64.5°	868.4	864.4	857.5	855.5	853.1
65°	848.7	845.5	839.1	836.7	835.1
65.5°	829.4	825.4	819.4	817.4	815.0
66°	808.9	805.7	799.7	797.7	796.1



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	749.5	745.9	740.7	738.7	736.6
68°	729.0	725.8	720.6	719.0	717.0
68.5°	708.5	705.3	700.1	698.9	697.7
69°	688.0	684.8	680.4	679.2	677.6
69.5°	668.0	664.7	660.7	659.5	657.5
70°	647.5	644.7	640.6	639.4	637.4
70.5°	627.0	624.2	620.6	619.4	617.4
71°	606.5	604.1	600.9	599.3	597.3
71.5°	586.4	584.0	580.4	579.2	577.6
72°	565.9	563.9	560.3	559.5	557.5
72.5°	545.5	543.8	540.2	539.4	537.8
73°	525.0	523.4	519.7	518.9	517.7
73.5°	504.9	503.3	500.1	498.9	497.7
74°	484.8	483.6	480.4	479.6	478.0
74.5°	464.3	463.5	460.7	459.5	458.3
75°	443.8	443.8	441.0	440.2	439.0
75.5°	424.2	424.2	421.3	420.5	419.3
76°	404.5	404.5	401.7	400.9	399.3
76.5°	384.6	384.8	382.4	381.5	380.2
77°	365.6	365.7	363.6	362.5	361.2
77.5°	345.2	346.2	344.4	343.4	342.1
78°	326.2	327.4	325.6	324.8	323.7
78.5°	308.3	309.0	307.9	306.9	305.4
79°	289.5	290.1	289.4	288.6	287.0
79.5°	271.0	272.0	271.5	270.8	269.0
80°	253.3	254.1	254.2	253.1	251.4
80.5°	234.7	236.2	236.4	235.3	234.5
81°	217.5	218.9	219.3	218.6	217.5
81.5°	200.5	202.2	202.5	202.2	200.7
82°	183.5	185.5	186.1	185.8	184.2
82.5°	167.3	169.5	170.2	169.9	168.5
83°	151.5	154.0	154.6	154.8	153.4
83.5°	136.3	138.7	139.4	139.7	138.2
84°	121.7	123.8	124.8	125.2	123.9
84.5°	107.8	109.5	110.7	111.2	110.6
85°	94.7	95.9	97.0	97.7	96.9
85.5°	82.0	83.0	83.8	84.9	84.2
86°	70.2	71.2	71.7	72.6	72.6
86.5°	59.0	59.4	59.8	60.9	60.9
87°	48.2	48.2	48.4	49.7	49.8
87.5°	37.2	37.5	37.7	38.8	39.2
88°	26.2	27.2	27.4	28.5	28.4
88.5°	18.6	18.6	18.5	19.6	19.8



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.9	0.8	0.9	0.9	0.8
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°	0.4	0.4	0.4	0.4	0.4
96.5°	0.4	0.4	0.4	0.4	0.4
97°	0.4	0.4	0.4	0.4	0.5
97.5°	0.5	0.4	0.4	0.4	0.5
98°	0.5	0.4	0.4	0.4	0.5
98.5°	0.5	0.4	0.4	0.4	0.5
99°	0.5	0.5	0.4	0.4	0.4
99.5°	0.5	0.4	0.5	0.4	0.4
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°	0.6	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	0.6	0.6	0.6	0.6
105°	0.7	0.6	0.6	0.7	0.7
105.5°	0.7	0.6	0.6	0.6	0.6
106°	0.6	0.6	0.7	0.7	0.7
106.5°	0.7	0.6	0.7	0.6	0.6
107°	0.7	0.7	0.7	0.7	0.6
107.5°	0.8	0.7	0.7	0.8	0.7
108°	0.8	0.7	0.6	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°	0.8	0.7	0.8	0.8	0.7
110°	0.8	0.8	0.8	0.8	0.8
110.5°	0.8	0.8	0.8	0.8	0.9
111°	0.8	0.9	0.9	0.9	0.8



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L935-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.0	1.0	1.0	1.0	0.9
113°	1.1	1.0	1.0	1.0	1.0
113.5°	1.1	1.1	1.1	1.1	1.1
114°	1.1	1.1	1.2	1.2	1.1
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°	1.3	1.2	1.3	1.2	1.2
116°	1.3	1.3	1.3	1.3	1.2
116.5°	1.4	1.4	1.4	1.4	1.3
117°	1.4	1.4	1.4	1.4	1.3
117.5°	1.5	1.4	1.5	1.4	1.4
118°	1.5	1.5	1.6	1.5	1.4
118.5°	1.6	1.6	1.6	1.5	1.5
119°	1.6	1.6	1.7	1.6	1.6
119.5°	1.7	1.7	1.7	1.6	1.6
120°	1.8	1.8	1.7	1.7	1.7
120.5°	1.8	1.7	1.8	1.8	1.7
121°	1.8	1.8	1.8	1.8	1.7
121.5°	2.0	1.9	1.9	1.8	1.8
122°	1.9	2.0	1.9	1.9	1.9
122.5°	2.0	2.0	2.0	2.0	1.9
123°	2.1	2.1	2.0	2.0	2.0
123.5°	2.1	2.2	2.0	2.0	2.0
124°	2.1	2.2	2.1	2.0	2.0
124.5°	2.2	2.2	2.1	2.1	2.1
125°	2.3	2.2	2.2	2.2	2.2
125.5°	2.3	2.3	2.2	2.2	2.2
126°	2.3	2.2	2.2	2.2	2.2
126.5°	2.2	2.3	2.3	2.2	2.2
127°	2.3	2.3	2.2	2.2	2.2
127.5°	2.4	2.4	2.3	2.2	2.2
128°	2.4	2.3	2.3	2.2	2.2
128.5°	2.3	2.3	2.2	2.2	2.2
129°	2.3	2.3	2.2	2.2	2.2
129.5°	2.2	2.3	2.2	2.2	2.2
130°	2.2	2.3	2.2	2.1	2.2
130.5°	2.3	2.2	2.2	2.0	2.2
131°	2.2	2.2	2.2	2.1	2.1
131.5°	2.2	2.2	2.1	2.0	2.1
132°	2.2	2.1	2.1	2.0	2.0
132.5°	2.2	2.1	2.1	2.0	2.1
133°	2.1	2.0	2.0	1.9	2.0
133.5°	2.2	2.0	2.0	1.9	2.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L935-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	2.1	2.0	1.9	1.8	2.0
135.5°	2.0	2.0	1.9	1.8	1.9
136°	1.9	1.9	1.8	1.7	1.9
136.5°	2.0	1.9	1.8	1.7	1.9
137°	1.9	1.8	1.8	1.7	1.8
137.5°	1.9	1.8	1.8	1.6	1.8
138°	1.8	1.8	1.7	1.6	1.8
138.5°	1.9	1.8	1.7	1.6	1.7
139°	1.6	1.7	1.7	1.5	1.8
139.5°	1.8	1.6	1.6	1.6	1.7
140°	1.7	1.6	1.6	1.5	1.6
140.5°	1.7	1.6	1.6	1.5	1.6
141°	1.6	1.6	1.6	1.4	1.5
141.5°	1.5	1.6	1.6	1.4	1.5
142°	1.5	1.5	1.6	1.5	1.4
142.5°	1.5	1.6	1.5	1.4	1.4
143°	1.6	1.5	1.5	1.5	1.4
143.5°	1.6	1.5	1.5	1.4	1.4
144°	1.6	1.4	1.6	1.4	1.4
144.5°	1.5	1.4	1.5	1.4	1.4
145°	1.5	1.4	1.5	1.3	1.4
145.5°	1.5	1.4	1.4	1.3	1.5
146°	1.5	1.4	1.4	1.3	1.4
146.5°	1.5	1.4	1.4	1.3	1.4
147°	1.5	1.4	1.3	1.4	1.4
147.5°	1.4	1.4	1.3	1.4	1.5
148°	1.5	1.4	1.4	1.3	1.5
148.5°	1.5	1.4	1.4	1.3	1.5
149°	1.5	1.4	1.4	1.3	1.5
149.5°	1.6	1.4	1.4	1.3	1.5
150°	1.5	1.4	1.4	1.3	1.5
150.5°	1.5	1.4	1.4	1.4	1.5
151°	1.6	1.4	1.3	1.4	1.6
151.5°	1.5	1.4	1.3	1.4	1.6
152°	1.6	1.4	1.4	1.4	1.5
152.5°	1.6	1.5	1.4	1.4	1.6
153°	1.5	1.4	1.4	1.5	1.6
153.5°	1.6	1.5	1.4	1.4	1.6
154°	1.6	1.5	1.4	1.4	1.6
154.5°	1.6	1.4	1.4	1.5	1.6
155°	1.5	1.5	1.5	1.5	1.6
155.5°	1.6	1.4	1.4	1.5	1.6
156°	1.5	1.5	1.5	1.5	1.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L935-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	1.5	1.4	1.4	1.5	1.6
158°	1.6	1.5	1.4	1.5	1.6
158.5°	1.5	1.5	1.4	1.5	1.6
159°	1.6	1.5	1.4	1.5	1.6
159.5°	1.5	1.4	1.4	1.5	1.7
160°	1.5	1.5	1.4	1.5	1.6
160.5°	1.5	1.4	1.4	1.5	1.6
161°	1.5	1.4	1.4	1.5	1.6
161.5°	1.5	1.5	1.4	1.4	1.5
162°	1.5	1.4	1.5	1.5	1.5
162.5°	1.6	1.5	1.5	1.5	1.6
163°	1.6	1.5	1.5	1.5	1.5
163.5°	1.5	1.5	1.5	1.5	1.6
164°	1.5	1.5	1.5	1.6	1.6
164.5°	1.4	1.6	1.5	1.6	1.6
165°	1.5	1.5	1.4	1.6	1.6
165.5°	1.4	1.5	1.4	1.7	1.6
166°	1.5	1.5	1.5	1.6	1.6
166.5°	1.5	1.5	1.4	1.6	1.5
167°	1.5	1.6	1.5	1.7	1.6
167.5°	1.5	1.6	1.5	1.7	1.6
168°	1.6	1.6	1.5	1.7	1.6
168.5°	1.5	1.6	1.6	1.8	1.6
169°	1.6	1.6	1.5	1.8	1.6
169.5°	1.6	1.6	1.5	1.8	1.7
170°	1.6	1.6	1.6	1.8	1.6
170.5°	1.6	1.7	1.6	1.8	1.7
171°	1.6	1.6	1.6	1.8	1.8
171.5°	1.6	1.6	1.6	1.8	1.7
172°	1.6	1.6	1.7	1.8	1.7
172.5°	1.7	1.7	1.7	1.8	1.7
173°	1.6	1.6	1.7	1.8	1.8
173.5°	1.7	1.7	1.8	1.8	1.8
174°	1.8	1.8	1.9	1.8	1.8
174.5°	1.8	1.8	1.8	1.9	1.8
175°	1.9	1.8	1.9	1.9	1.8
175.5°	1.9	1.8	2.0	1.9	1.9
176°	2.0	1.9	1.9	1.8	1.8
176.5°	2.0	1.9	1.9	1.8	1.8
177°	1.9	1.9	1.8	1.8	1.8
177.5°	2.0	1.9	1.8	1.7	1.9
178°	1.8	1.8	1.7	1.7	1.8
178.5°	1.8	1.8	1.7	1.7	1.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L935-CFD2

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°	1650.8	1648.8	1640.8	1633.2	1629.9
22°	1650.0	1648.0	1639.6	1631.9	1628.7



44°	1477.7	1471.7	1459.6	1452.4	1447.6
44.5°	1468.5	1462.0	1450.8	1443.2	1438.3



66.5°	789.3	786.0	780.0	778.0	776.0
67°	769.6	766.0	760.3	758.3	756.7



89°	11.7	11.5	11.4	12.0	12.2
89.5°	5.2	5.3	5.1	5.5	5.4



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



134°	2.0	2.0	2.0	1.9	2.0
134.5°	2.1	2.0	2.0	1.8	1.9



156.5°	1.6	1.4	1.5	1.5	1.6
157°	1.5	1.4	1.5	1.5	1.6



179°	1.7	1.7	1.6	1.6	1.7
179.5°	1.5	1.6	1.6	1.5	1.6



(END OF REPORT)