

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-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-L930-CFD2
Description: 7000 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

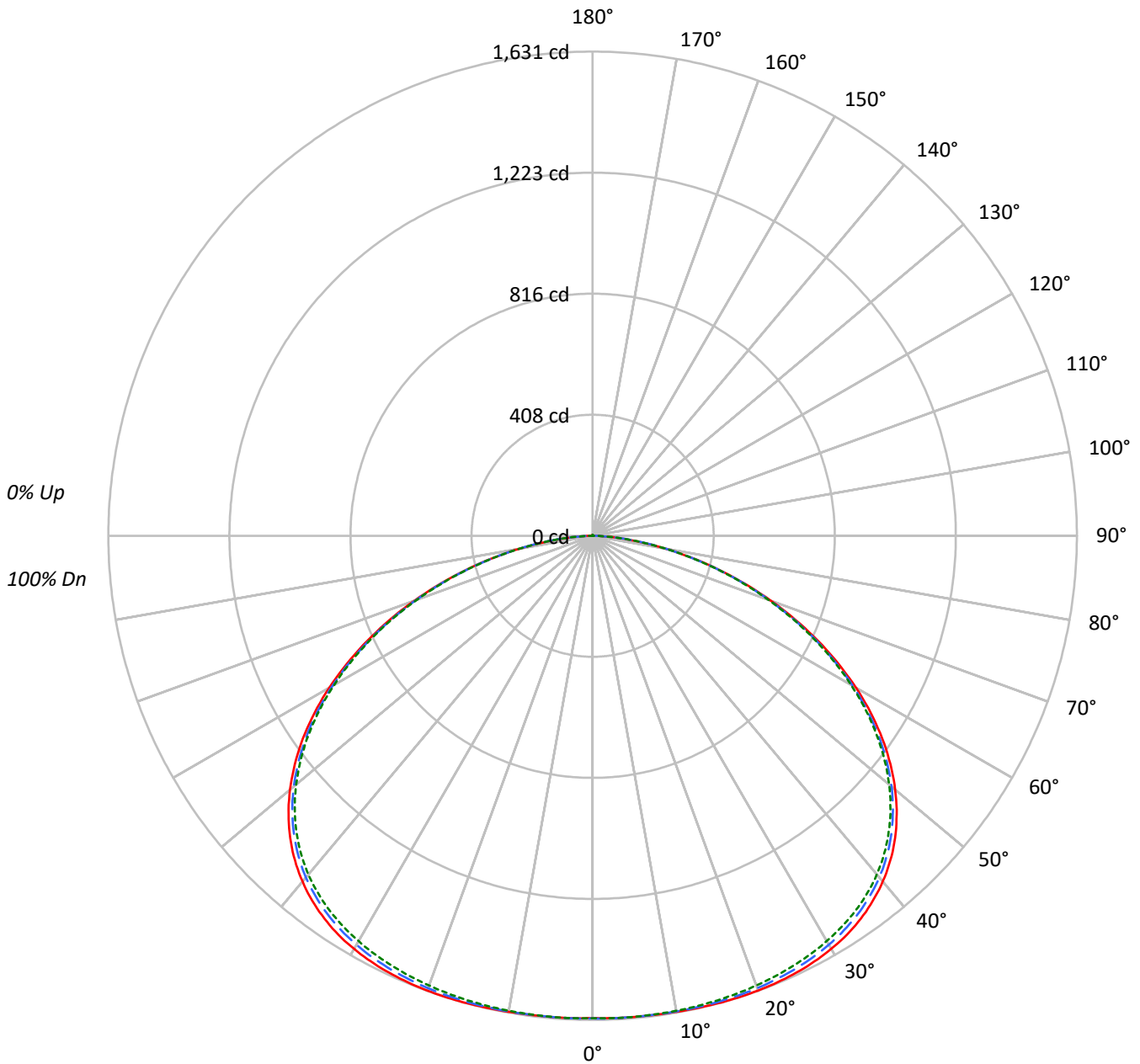
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5885.0 lumens
Efficiency: N/A
Efficacy: 107.8 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°	1160	1160	1160
5°	1162	1160	1161
10°	1172	1167	1169
15°	1191	1183	1184
20°	1219	1205	1206
25°	1254	1234	1234
30°	1293	1267	1268
35°	1332	1301	1305
40°	1367	1332	1340
45°	1394	1354	1365
50°	1406	1361	1377
55°	1397	1347	1369
60°	1361	1307	1337
65°	1296	1238	1275
70°	1193	1131	1175
75°	1041	979	1030
80°	827	767	821
85°	514	463	525



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	155.3	2.6
10°-20°	460.6	7.8
20°-30°	744.7	12.7
30°-40°	975.4	16.6
40°-50°	1097.1	18.6
50°-60°	1049.8	17.8
60°-70°	818.8	13.9
70°-80°	461.4	7.8
80°-90°	114.2	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°	1360.6	23.1
0°-40°	2336.0	39.7
0°-60°	4482.9	76.2
0°-90°	5877.2	99.9
90°-120°	2.3	0.0
90°-150°	6.5	0.1
90°-180°	8.0	0.1
0°-180°	5885.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1625	1625	1625	1625	1625	
5°	1627	1627	1627	1627	1626	155
15°	1630	1630	1626	1622	1620	462
25°	1624	1621	1611	1602	1598	750
35°	1574	1569	1556	1547	1542	986
45°	1440	1434	1422	1416	1410	1109
55°	1191	1184	1176	1171	1167	1061
65°	838	834	828	826	824	827
75°	438	438	435	434	433	464
85°	94	95	96	96	96	108
90°	1	1	1	1	1	4
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°	1625.3	1625.3	1625.3	1625.3	1625.3
0.5°	1624.9	1626.1	1626.5	1626.1	1625.3
1°	1625.3	1626.1	1626.5	1626.5	1625.7
1.5°	1625.7	1626.5	1626.5	1626.5	1626.1
2°	1625.7	1626.5	1626.5	1626.9	1626.1
2.5°	1626.1	1626.9	1626.9	1626.9	1626.1
3°	1626.5	1626.9	1626.9	1626.9	1626.5
3.5°	1626.5	1626.9	1626.9	1626.9	1626.5
4°	1626.9	1626.9	1626.9	1626.9	1626.5
4.5°	1626.9	1627.2	1626.9	1626.9	1626.5
5°	1626.9	1627.2	1626.9	1626.9	1626.5
5.5°	1626.9	1627.2	1626.9	1626.9	1626.5
6°	1627.2	1627.2	1626.9	1626.9	1626.1
6.5°	1627.2	1627.6	1627.2	1626.9	1626.1
7°	1627.2	1627.6	1626.9	1626.9	1626.1
7.5°	1627.2	1627.6	1626.9	1626.5	1625.7
8°	1627.6	1627.6	1627.2	1626.5	1625.7
8.5°	1627.6	1628.0	1626.9	1626.5	1625.3
9°	1628.0	1628.0	1627.2	1626.1	1625.3
9.5°	1628.0	1628.4	1626.9	1626.1	1624.9
10°	1628.4	1628.4	1626.9	1625.7	1624.5
10.5°	1628.8	1628.8	1626.9	1625.7	1624.5
11°	1628.8	1628.8	1626.9	1625.3	1624.1
11.5°	1629.2	1629.2	1626.9	1624.9	1623.7
12°	1629.2	1629.2	1626.9	1624.9	1623.3
12.5°	1629.6	1629.2	1626.5	1624.5	1622.9
13°	1629.6	1629.2	1626.5	1624.1	1622.5
13.5°	1630.0	1629.6	1626.5	1623.7	1622.1
14°	1630.0	1629.6	1626.5	1623.3	1621.3
14.5°	1630.4	1629.6	1626.1	1622.9	1620.9
15°	1630.4	1630.0	1626.1	1622.5	1620.5
15.5°	1630.8	1630.0	1625.7	1621.7	1619.7
16°	1630.4	1630.0	1625.3	1621.3	1618.9
16.5°	1630.8	1630.0	1625.3	1620.5	1618.1
17°	1630.8	1629.6	1624.9	1619.7	1617.7
17.5°	1630.8	1629.6	1624.1	1619.3	1616.9
18°	1630.8	1629.6	1623.7	1618.5	1615.8
18.5°	1630.8	1629.2	1623.3	1617.7	1615.0
19°	1630.4	1629.2	1622.9	1616.9	1614.2
19.5°	1630.4	1628.8	1622.1	1615.8	1613.0
20°	1630.0	1628.4	1621.3	1615.0	1612.2
20.5°	1629.6	1628.0	1620.9	1614.2	1611.0
21°	1629.6	1627.6	1620.1	1613.0	1609.8



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	1628.0	1625.7	1617.3	1609.4	1605.8
23°	1627.2	1624.9	1616.1	1608.2	1604.7
23.5°	1626.5	1624.1	1615.0	1606.6	1603.1
24°	1625.7	1623.3	1613.8	1605.0	1601.5
24.5°	1624.9	1622.1	1612.6	1603.5	1599.9
25°	1623.7	1620.9	1611.0	1601.9	1598.3
25.5°	1622.5	1619.7	1609.4	1600.3	1596.3
26°	1621.3	1618.5	1607.8	1598.7	1594.7
26.5°	1620.1	1616.9	1606.2	1596.7	1592.8
27°	1618.5	1615.4	1604.3	1594.7	1590.8
27.5°	1616.9	1613.8	1602.3	1592.8	1588.8
28°	1615.4	1611.8	1600.3	1590.8	1586.8
28.5°	1613.4	1609.8	1598.3	1588.4	1584.4
29°	1611.4	1607.8	1595.9	1586.0	1582.1
29.5°	1609.4	1605.4	1593.6	1583.6	1579.3
30°	1607.0	1603.1	1590.8	1580.9	1576.5
30.5°	1604.7	1600.7	1588.0	1578.1	1574.1
31°	1601.9	1597.9	1585.2	1575.3	1571.0
31.5°	1599.5	1595.1	1582.1	1572.5	1568.2
32°	1596.3	1592.0	1579.3	1569.4	1565.0
32.5°	1593.2	1588.8	1575.7	1565.8	1561.4
33°	1590.0	1585.2	1572.1	1562.6	1557.9
33.5°	1586.4	1581.7	1568.6	1559.1	1554.3
34°	1582.5	1577.7	1564.6	1555.1	1550.7
34.5°	1578.5	1573.7	1560.7	1551.1	1546.8
35°	1574.5	1569.4	1556.3	1546.8	1542.4
35.5°	1570.2	1565.0	1551.9	1542.4	1538.1
36°	1565.8	1560.3	1547.2	1538.1	1533.3
36.5°	1560.7	1555.5	1542.4	1533.3	1528.9
37°	1555.5	1550.3	1537.3	1528.1	1523.8
37.5°	1550.3	1544.8	1532.1	1523.0	1518.2
38°	1544.8	1539.6	1526.6	1517.8	1513.1
38.5°	1539.2	1533.7	1520.6	1511.9	1507.5
39°	1533.3	1527.4	1514.7	1506.3	1501.6
39.5°	1527.0	1521.0	1508.7	1500.0	1495.6
40°	1520.2	1514.7	1502.0	1493.7	1489.3
40.5°	1513.9	1507.9	1495.2	1487.3	1482.6
41°	1506.7	1500.8	1488.5	1480.2	1475.4
41.5°	1499.2	1493.3	1481.0	1473.0	1468.3
42°	1491.7	1485.7	1473.4	1465.9	1460.8
42.5°	1483.7	1477.8	1465.5	1458.0	1453.2
43°	1475.8	1469.5	1457.6	1450.1	1445.3
43.5°	1467.5	1461.2	1449.3	1441.7	1437.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	1440.1	1433.8	1422.3	1415.6	1410.4
45.5°	1430.6	1423.9	1412.8	1406.1	1401.3
46°	1420.7	1414.0	1402.9	1396.1	1391.4
46.5°	1410.4	1403.7	1393.0	1386.2	1381.5
47°	1399.7	1393.4	1382.3	1376.3	1371.2
47.5°	1389.0	1382.3	1371.6	1365.6	1360.5
48°	1378.3	1371.2	1360.9	1354.5	1349.4
48.5°	1366.8	1360.1	1349.8	1343.8	1339.1
49°	1354.5	1348.2	1337.9	1331.5	1327.2
49.5°	1342.6	1336.3	1326.0	1320.0	1315.3
50°	1330.3	1323.6	1314.1	1308.1	1303.4
50.5°	1317.7	1310.9	1301.4	1295.5	1291.1
51°	1305.0	1298.2	1288.7	1282.8	1278.0
51.5°	1291.5	1284.8	1275.2	1269.7	1265.3
52°	1278.0	1271.3	1261.8	1256.6	1252.2
52.5°	1264.5	1257.8	1248.3	1242.7	1238.8
53°	1249.9	1243.5	1234.8	1229.7	1225.3
53.5°	1235.2	1228.9	1220.1	1215.0	1211.0
54°	1220.5	1214.2	1205.5	1200.3	1196.8
54.5°	1206.3	1199.5	1191.2	1186.0	1182.5
55°	1190.8	1184.5	1176.1	1171.0	1167.4
55.5°	1175.3	1169.0	1160.7	1155.5	1152.4
56°	1159.1	1153.1	1144.8	1140.5	1137.3
56.5°	1142.8	1137.3	1129.0	1124.6	1121.4
57°	1127.0	1121.0	1113.1	1109.1	1106.0
57.5°	1111.1	1104.8	1096.9	1092.9	1089.7
58°	1093.7	1087.7	1080.2	1076.2	1073.5
58.5°	1076.6	1071.1	1063.2	1059.6	1056.8
59°	1059.6	1054.0	1046.5	1042.9	1040.2
59.5°	1041.8	1036.6	1029.1	1025.5	1022.7
60°	1024.3	1018.8	1011.6	1008.5	1005.7
60.5°	1006.5	1001.7	994.2	991.0	988.2
61°	988.2	983.5	976.3	973.2	970.4
61.5°	969.6	965.6	958.5	955.3	953.0
62°	951.4	947.4	940.3	937.5	935.1
62.5°	932.7	928.8	921.6	918.9	916.5
63°	914.1	910.1	903.4	900.6	898.3
63.5°	895.1	891.1	884.8	882.0	879.6
64°	876.1	872.1	865.4	863.4	860.6
64.5°	857.0	853.1	846.3	844.3	842.0
65°	837.6	834.4	828.1	825.7	824.1
65.5°	818.6	814.6	808.7	806.7	804.3
66°	798.4	795.2	789.2	787.3	785.7



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	739.7	736.1	731.0	729.0	727.0
68°	719.5	716.3	711.2	709.6	707.6
68.5°	699.3	696.1	690.9	689.7	688.6
69°	679.0	675.9	671.5	670.3	668.7
69.5°	659.2	656.1	652.1	650.9	648.9
70°	639.0	636.2	632.3	631.1	629.1
70.5°	618.8	616.0	612.4	611.3	609.3
71°	598.6	596.2	593.0	591.4	589.5
71.5°	578.8	576.4	572.8	571.6	570.0
72°	558.5	556.6	553.0	552.2	550.2
72.5°	538.3	536.7	533.2	532.4	530.8
73°	518.1	516.5	512.9	512.2	511.0
73.5°	498.3	496.7	493.5	492.3	491.1
74°	478.5	477.3	474.1	473.3	471.7
74.5°	458.2	457.5	454.7	453.5	452.3
75°	438.0	438.0	435.3	434.5	433.3
75.5°	418.6	418.6	415.8	415.0	413.8
76°	399.2	399.2	396.4	395.7	394.1
76.5°	379.6	379.7	377.4	376.5	375.2
77°	360.8	360.9	358.8	357.8	356.4
77.5°	340.7	341.6	339.9	338.9	337.6
78°	321.9	323.1	321.3	320.6	319.5
78.5°	304.2	305.0	303.8	302.9	301.4
79°	285.7	286.3	285.6	284.8	283.3
79.5°	267.5	268.5	268.0	267.3	265.5
80°	250.0	250.7	250.8	249.8	248.2
80.5°	231.6	233.1	233.3	232.3	231.4
81°	214.6	216.0	216.4	215.8	214.7
81.5°	197.9	199.5	199.9	199.5	198.1
82°	181.1	183.1	183.7	183.4	181.8
82.5°	165.1	167.3	168.0	167.7	166.3
83°	149.6	152.0	152.6	152.8	151.4
83.5°	134.5	136.8	137.6	137.8	136.4
84°	120.1	122.2	123.1	123.5	122.3
84.5°	106.4	108.1	109.2	109.7	109.1
85°	93.5	94.7	95.7	96.4	95.6
85.5°	80.9	81.9	82.7	83.8	83.1
86°	69.3	70.2	70.8	71.7	71.7
86.5°	58.2	58.6	59.1	60.1	60.1
87°	47.6	47.6	47.8	49.1	49.1
87.5°	36.7	37.0	37.2	38.3	38.7
88°	25.9	26.8	27.0	28.1	28.0
88.5°	18.3	18.3	18.3	19.3	19.6



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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-L930-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	1.1	1.1	1.1
114.5°	1.2	1.2	1.1	1.1	1.1
115°	1.2	1.2	1.1	1.2	1.1
115.5°	1.3	1.2	1.3	1.2	1.1
116°	1.3	1.3	1.3	1.3	1.2
116.5°	1.3	1.3	1.3	1.3	1.3
117°	1.4	1.4	1.4	1.4	1.3
117.5°	1.5	1.4	1.5	1.4	1.3
118°	1.5	1.5	1.5	1.5	1.4
118.5°	1.6	1.5	1.5	1.5	1.5
119°	1.6	1.6	1.7	1.5	1.5
119.5°	1.7	1.7	1.7	1.6	1.6
120°	1.7	1.7	1.7	1.7	1.7
120.5°	1.8	1.7	1.8	1.7	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	1.9	1.9	1.9
123°	2.1	2.1	2.0	2.0	1.9
123.5°	2.1	2.1	2.0	1.9	2.0
124°	2.1	2.1	2.1	2.0	2.0
124.5°	2.2	2.1	2.1	2.1	2.1
125°	2.3	2.2	2.2	2.1	2.1
125.5°	2.3	2.3	2.2	2.1	2.2
126°	2.3	2.2	2.2	2.2	2.1
126.5°	2.2	2.3	2.3	2.2	2.2
127°	2.3	2.3	2.2	2.2	2.1
127.5°	2.4	2.3	2.3	2.2	2.1
128°	2.4	2.3	2.3	2.2	2.2
128.5°	2.3	2.3	2.2	2.1	2.2
129°	2.3	2.3	2.2	2.2	2.1
129.5°	2.2	2.3	2.2	2.2	2.2
130°	2.2	2.3	2.2	2.1	2.1
130.5°	2.3	2.2	2.2	2.0	2.1
131°	2.2	2.2	2.2	2.1	2.1
131.5°	2.2	2.1	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°	2.1	2.0	1.9	1.9	2.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L930-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	2.1	1.9	1.9	1.8	2.0
135.5°	1.9	2.0	1.9	1.8	1.9
136°	1.9	1.9	1.8	1.7	1.9
136.5°	1.9	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	1.7	1.6	1.7
138°	1.8	1.7	1.7	1.6	1.7
138.5°	1.9	1.7	1.7	1.6	1.7
139°	1.6	1.7	1.7	1.5	1.7
139.5°	1.7	1.6	1.6	1.5	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	1.5	1.4	1.5
141.5°	1.5	1.6	1.6	1.4	1.5
142°	1.5	1.5	1.5	1.5	1.4
142.5°	1.5	1.5	1.5	1.4	1.4
143°	1.5	1.5	1.5	1.5	1.4
143.5°	1.5	1.5	1.5	1.4	1.4
144°	1.5	1.4	1.5	1.3	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	1.3	1.3	1.4
146.5°	1.5	1.4	1.3	1.3	1.4
147°	1.5	1.4	1.3	1.3	1.3
147.5°	1.4	1.4	1.3	1.3	1.5
148°	1.5	1.4	1.3	1.3	1.5
148.5°	1.5	1.4	1.3	1.3	1.5
149°	1.5	1.4	1.3	1.3	1.5
149.5°	1.5	1.3	1.3	1.3	1.5
150°	1.5	1.4	1.3	1.3	1.5
150.5°	1.5	1.4	1.3	1.3	1.5
151°	1.5	1.4	1.3	1.3	1.5
151.5°	1.5	1.4	1.3	1.3	1.5
152°	1.5	1.4	1.4	1.4	1.5
152.5°	1.5	1.5	1.3	1.4	1.5
153°	1.5	1.4	1.4	1.5	1.6
153.5°	1.6	1.5	1.3	1.4	1.5
154°	1.5	1.5	1.4	1.4	1.5
154.5°	1.5	1.4	1.4	1.5	1.6
155°	1.5	1.5	1.5	1.5	1.6
155.5°	1.5	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-L930-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	1.5	1.4	1.4	1.5	1.5
158°	1.6	1.5	1.4	1.5	1.6
158.5°	1.5	1.5	1.4	1.5	1.5
159°	1.5	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°	1.5	1.5	1.5	1.5	1.5
163°	1.5	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	1.5	1.5	1.6	1.6
165°	1.5	1.5	1.4	1.5	1.6
165.5°	1.4	1.5	1.4	1.7	1.6
166°	1.5	1.5	1.5	1.6	1.5
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°	1.5	1.5	1.5	1.7	1.6
168.5°	1.5	1.6	1.5	1.8	1.6
169°	1.6	1.6	1.5	1.8	1.6
169.5°	1.6	1.6	1.5	1.7	1.7
170°	1.6	1.6	1.5	1.8	1.6
170.5°	1.6	1.7	1.5	1.8	1.7
171°	1.6	1.6	1.6	1.8	1.7
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	1.7
173.5°	1.7	1.7	1.7	1.8	1.8
174°	1.7	1.7	1.9	1.8	1.7
174.5°	1.7	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	1.9	1.9	1.9
176°	1.9	1.9	1.9	1.8	1.8
176.5°	2.0	1.9	1.9	1.7	1.8
177°	1.9	1.9	1.8	1.7	1.8
177.5°	1.9	1.9	1.7	1.7	1.9
178°	1.8	1.8	1.7	1.7	1.7
178.5°	1.8	1.7	1.7	1.7	1.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L930-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	1.5	1.5	1.5	1.5	1.5



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







21.5°	1629.2	1627.2	1619.3	1611.8	1608.6
22°	1628.4	1626.5	1618.1	1610.6	1607.4



44°	1458.4	1452.4	1440.5	1433.4	1428.6
44.5°	1449.3	1442.9	1431.8	1424.3	1419.5



66.5°	778.9	775.8	769.8	767.8	765.9
67°	759.5	755.9	750.4	748.4	746.8



89°	11.6	11.4	11.3	11.9	12.0
89.5°	5.1	5.2	5.1	5.4	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	1.9	1.9	2.0
134.5°	2.1	1.9	1.9	1.8	1.9



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



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



(END OF REPORT)