

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-40-L850-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-40-L850-CFR2  
Description: 4000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS  
AND 5000K CCT, 80CRI LEDS  
Light Source: -  
Ballast/Driver:  
Luminaire Equipment: Sample No.   Condition   Description

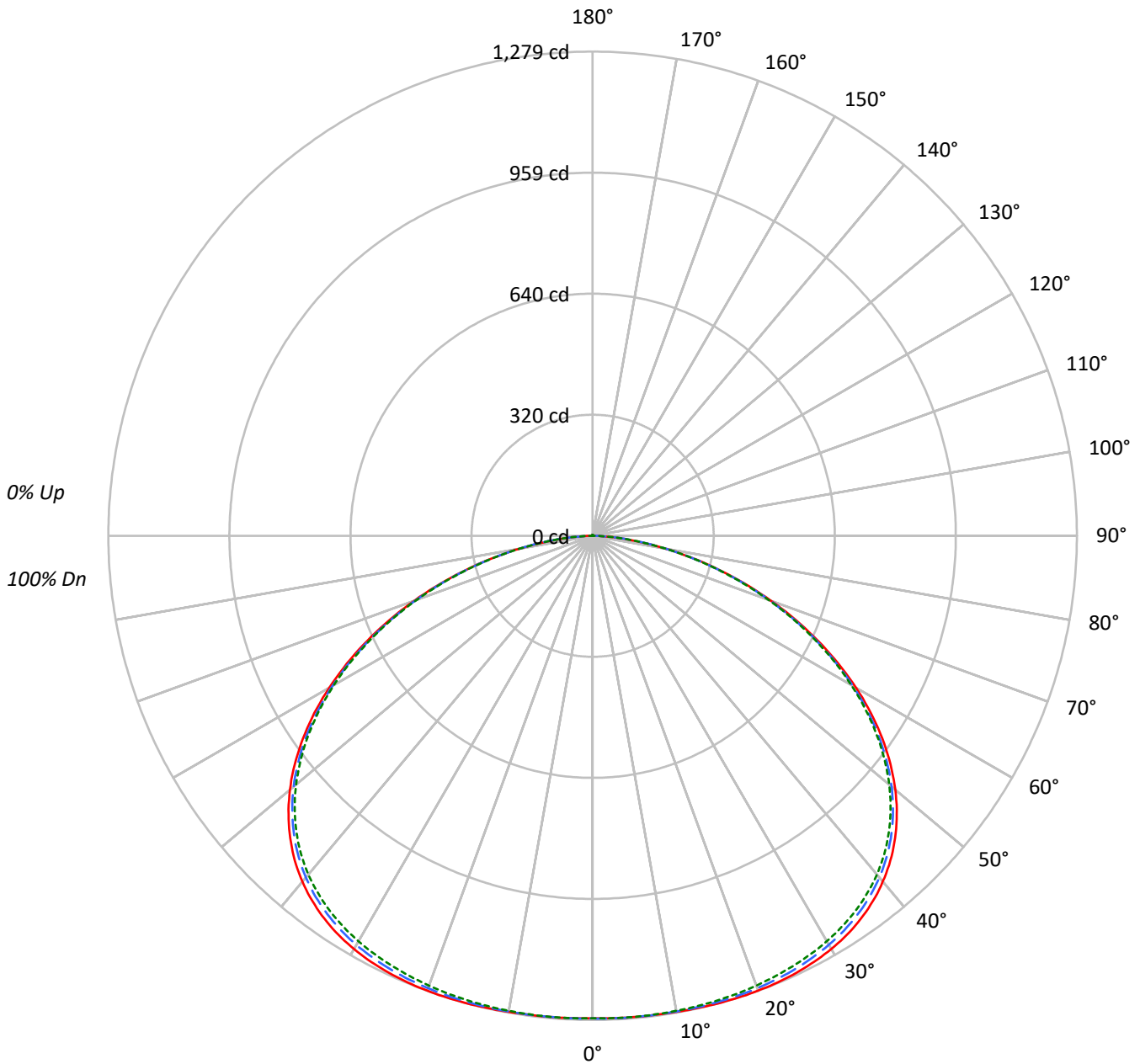
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4616.0 lumens  
Efficiency: N/A  
Efficacy: 143.4 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): 32.2  
Input Voltage (V):  
Input Current (A<sub>in</sub>): 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

TEST NUMBER: P#  
CATALOG NUMBER: 44ID-40-L850-CFR2

### Luminous Intensity Polar Plot





TEST NUMBER: P#

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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°	910	910	910
5°	914	914	914
10°	926	925	924
15°	945	943	939
20°	971	966	961
25°	1003	995	988
30°	1039	1029	1019
35°	1076	1064	1054
40°	1111	1098	1089
45°	1140	1126	1117
50°	1159	1145	1135
55°	1162	1148	1140
60°	1147	1133	1126
65°	1110	1097	1092
70°	1046	1035	1030
75°	948	942	937
80°	806	809	800
85°	600	615	614



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	121.8	2.6
10°-20°	361.3	7.8
20°-30°	584.1	12.7
30°-40°	765.0	16.6
40°-50°	860.5	18.6
50°-60°	823.4	17.8
60°-70°	642.2	13.9
70°-80°	361.9	7.8
80°-90°	89.6	1.9
90°-100°	0.3	0.0
100°-110°	0.5	0.0
110°-120°	0.9	0.0
120°-130°	1.5	0.0
130°-140°	1.2	0.0
140°-150°	0.7	0.0
150°-160°	0.5	0.0
160°-170°	0.3	0.0
170°-180°	0.1	0.0
0°-30°	1067.2	23.1
0°-40°	1832.3	39.7
0°-60°	3516.2	76.2
0°-90°	4609.9	99.9
90°-120°	1.8	0.0
90°-150°	5.1	0.1
90°-180°	6.0	0.1
0°-180°	4616.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1275	1275	1275	1275	1275	
5°	1276	1276	1276	1276	1276	122
15°	1279	1278	1275	1273	1271	362
25°	1274	1271	1264	1256	1254	589
35°	1235	1231	1221	1213	1210	773
45°	1130	1125	1116	1110	1106	870
55°	934	929	922	918	916	833
65°	657	654	650	648	646	649
75°	344	344	341	341	340	364
85°	73	74	75	76	75	85
90°	1	1	1	1	1	4
95°	0	0	0	0	0	0
105°	1	0	0	0	0	1
115°	1	1	1	1	1	1
125°	2	2	2	2	2	2
135°	2	2	2	1	2	1
145°	1	1	1	1	1	1
155°	1	1	1	1	1	1
165°	1	1	1	1	1	0
175°	2	1	2	2	1	0
180°	1	1	1	1	1	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1274.8	1274.8	1274.8	1274.8	1274.8
0.5°	1274.5	1275.4	1275.7	1275.4	1274.8
1°	1274.8	1275.4	1275.7	1275.7	1275.1
1.5°	1275.1	1275.7	1275.7	1275.7	1275.4
2°	1275.1	1275.7	1275.7	1276.0	1275.4
2.5°	1275.4	1276.0	1276.0	1276.0	1275.4
3°	1275.7	1276.0	1276.0	1276.0	1275.7
3.5°	1275.7	1276.0	1276.0	1276.0	1275.7
4°	1276.0	1276.0	1276.0	1276.0	1275.7
4.5°	1276.0	1276.4	1276.0	1276.0	1275.7
5°	1276.0	1276.4	1276.0	1276.0	1275.7
5.5°	1276.0	1276.4	1276.0	1276.0	1275.7
6°	1276.4	1276.4	1276.0	1276.0	1275.4
6.5°	1276.4	1276.7	1276.4	1276.0	1275.4
7°	1276.4	1276.7	1276.0	1276.0	1275.4
7.5°	1276.4	1276.7	1276.0	1275.7	1275.1
8°	1276.7	1276.7	1276.4	1275.7	1275.1
8.5°	1276.7	1277.0	1276.0	1275.7	1274.8
9°	1277.0	1277.0	1276.4	1275.4	1274.8
9.5°	1277.0	1277.3	1276.0	1275.4	1274.5
10°	1277.3	1277.3	1276.0	1275.1	1274.2
10.5°	1277.6	1277.6	1276.0	1275.1	1274.2
11°	1277.6	1277.6	1276.0	1274.8	1273.9
11.5°	1277.9	1277.9	1276.0	1274.5	1273.6
12°	1277.9	1277.9	1276.0	1274.5	1273.3
12.5°	1278.2	1277.9	1275.7	1274.2	1272.9
13°	1278.2	1277.9	1275.7	1273.9	1272.6
13.5°	1278.5	1278.2	1275.7	1273.6	1272.3
14°	1278.5	1278.2	1275.7	1273.3	1271.7
14.5°	1278.8	1278.2	1275.4	1272.9	1271.4
15°	1278.8	1278.5	1275.4	1272.6	1271.1
15.5°	1279.2	1278.5	1275.1	1272.0	1270.5
16°	1278.8	1278.5	1274.8	1271.7	1269.8
16.5°	1279.2	1278.5	1274.8	1271.1	1269.2
17°	1279.2	1278.2	1274.5	1270.5	1268.9
17.5°	1279.2	1278.2	1273.9	1270.1	1268.3
18°	1279.2	1278.2	1273.6	1269.5	1267.3
18.5°	1279.2	1277.9	1273.3	1268.9	1266.7
19°	1278.8	1277.9	1272.9	1268.3	1266.1
19.5°	1278.8	1277.6	1272.3	1267.3	1265.2
20°	1278.5	1277.3	1271.7	1266.7	1264.5
20.5°	1278.2	1277.0	1271.4	1266.1	1263.6
21°	1278.2	1276.7	1270.8	1265.2	1262.7



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	1277.0	1275.1	1268.6	1262.4	1259.6
23°	1276.4	1274.5	1267.7	1261.4	1258.6
23.5°	1275.7	1273.9	1266.7	1260.2	1257.4
24°	1275.1	1273.3	1265.8	1258.9	1256.1
24.5°	1274.5	1272.3	1264.9	1257.7	1254.9
25°	1273.6	1271.4	1263.6	1256.5	1253.7
25.5°	1272.6	1270.5	1262.4	1255.2	1252.1
26°	1271.7	1269.5	1261.1	1254.0	1250.9
26.5°	1270.8	1268.3	1259.9	1252.4	1249.3
27°	1269.5	1267.0	1258.3	1250.9	1247.8
27.5°	1268.3	1265.8	1256.8	1249.3	1246.2
28°	1267.0	1264.2	1255.2	1247.8	1244.6
28.5°	1265.5	1262.7	1253.7	1245.9	1242.8
29°	1263.9	1261.1	1251.8	1244.0	1240.9
29.5°	1262.4	1259.3	1249.9	1242.2	1238.7
30°	1260.5	1257.4	1247.8	1240.0	1236.6
30.5°	1258.6	1255.5	1245.6	1237.8	1234.7
31°	1256.5	1253.4	1243.4	1235.6	1232.2
31.5°	1254.6	1251.2	1240.9	1233.5	1230.0
32°	1252.1	1248.7	1238.7	1231.0	1227.5
32.5°	1249.6	1246.2	1235.9	1228.2	1224.7
33°	1247.1	1243.4	1233.1	1225.7	1221.9
33.5°	1244.3	1240.6	1230.3	1222.9	1219.1
34°	1241.2	1237.5	1227.2	1219.8	1216.4
34.5°	1238.1	1234.4	1224.1	1216.7	1213.2
35°	1235.0	1231.0	1220.7	1213.2	1209.8
35.5°	1231.6	1227.5	1217.3	1209.8	1206.4
36°	1228.2	1223.8	1213.6	1206.4	1202.7
36.5°	1224.1	1220.1	1209.8	1202.7	1199.2
37°	1220.1	1216.0	1205.8	1198.6	1195.2
37.5°	1216.0	1211.7	1201.7	1194.6	1190.9
38°	1211.7	1207.6	1197.4	1190.5	1186.8
38.5°	1207.3	1203.0	1192.7	1185.9	1182.5
39°	1202.7	1198.0	1188.1	1181.5	1177.8
39.5°	1197.7	1193.0	1183.4	1176.6	1173.1
40°	1192.4	1188.1	1178.1	1171.6	1168.2
40.5°	1187.4	1182.8	1172.8	1166.6	1162.9
41°	1181.8	1177.2	1167.5	1161.0	1157.3
41.5°	1175.9	1171.3	1161.6	1155.4	1151.7
42°	1170.0	1165.4	1155.7	1149.8	1145.8
42.5°	1163.8	1159.1	1149.5	1143.6	1139.9
43°	1157.6	1152.6	1143.3	1137.4	1133.6
43.5°	1151.1	1146.1	1136.8	1130.8	1127.1



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	1129.6	1124.6	1115.6	1110.3	1106.3
45.5°	1122.1	1116.9	1108.1	1102.9	1099.1
46°	1114.4	1109.1	1100.4	1095.1	1091.4
46.5°	1106.3	1101.0	1092.6	1087.3	1083.6
47°	1097.9	1092.9	1084.2	1079.5	1075.5
47.5°	1089.5	1084.2	1075.8	1071.1	1067.1
48°	1081.1	1075.5	1067.4	1062.4	1058.4
48.5°	1072.1	1066.8	1058.7	1054.0	1050.3
49°	1062.4	1057.5	1049.4	1044.4	1041.0
49.5°	1053.1	1048.1	1040.1	1035.4	1031.7
50°	1043.5	1038.2	1030.7	1026.1	1022.3
50.5°	1033.5	1028.2	1020.8	1016.1	1012.7
51°	1023.6	1018.3	1010.8	1006.2	1002.4
51.5°	1013.0	1007.7	1000.3	995.9	992.5
52°	1002.4	997.1	989.7	985.6	982.2
52.5°	991.9	986.6	979.1	974.8	971.7
53°	980.4	975.4	968.5	964.5	961.1
53.5°	968.9	963.9	957.0	953.0	949.9
54°	957.3	952.4	945.5	941.5	938.7
54.5°	946.2	940.9	934.3	930.3	927.5
55°	934.0	929.1	922.5	918.5	915.7
55.5°	921.9	916.9	910.4	906.4	903.9
56°	909.2	904.5	898.0	894.5	892.1
56.5°	896.4	892.1	885.5	882.1	879.6
57°	884.0	879.3	873.1	870.0	867.5
57.5°	871.5	866.6	860.3	857.2	854.7
58°	857.9	853.2	847.3	844.2	842.0
58.5°	844.5	840.1	833.9	831.1	828.9
59°	831.1	826.8	820.9	818.1	815.9
59.5°	817.1	813.1	807.2	804.4	802.2
60°	803.4	799.1	793.5	791.0	788.8
60.5°	789.4	785.7	779.8	777.3	775.1
61°	775.1	771.4	765.8	763.3	761.2
61.5°	760.5	757.4	751.8	749.3	747.5
62°	746.2	743.1	737.5	735.3	733.5
62.5°	731.6	728.5	722.9	720.7	718.9
63°	717.0	713.9	708.6	706.4	704.6
63.5°	702.1	699.0	694.0	691.8	689.9
64°	687.2	684.0	678.8	677.2	675.0
64.5°	672.2	669.1	663.8	662.3	660.4
65°	657.0	654.5	649.5	647.7	646.4
65.5°	642.1	639.0	634.3	632.7	630.9
66°	626.2	623.7	619.1	617.5	616.3





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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	580.2	577.4	573.4	571.8	570.2
68°	564.3	561.8	557.8	556.6	555.0
68.5°	548.5	546.0	541.9	541.0	540.1
69°	532.6	530.1	526.7	525.8	524.5
69.5°	517.1	514.6	511.5	510.5	509.0
70°	501.2	499.0	495.9	495.0	493.4
70.5°	485.4	483.2	480.4	479.5	477.9
71°	469.5	467.6	465.1	463.9	462.4
71.5°	454.0	452.1	449.3	448.4	447.1
72°	438.1	436.5	433.7	433.1	431.6
72.5°	422.2	421.0	418.2	417.6	416.3
73°	406.4	405.1	402.3	401.7	400.8
73.5°	390.8	389.6	387.1	386.2	385.2
74°	375.3	374.4	371.9	371.2	370.0
74.5°	359.4	358.8	356.6	355.7	354.8
75°	343.6	343.6	341.4	340.8	339.8
75.5°	328.3	328.3	326.2	325.5	324.6
76°	313.1	313.1	310.9	310.3	309.1
76.5°	297.7	297.8	296.0	295.4	294.3
77°	283.0	283.1	281.5	280.6	279.6
77.5°	267.2	268.0	266.6	265.8	264.8
78°	252.5	253.4	252.0	251.4	250.6
78.5°	238.6	239.2	238.3	237.6	236.4
79°	224.1	224.6	224.0	223.4	222.2
79.5°	209.8	210.6	210.2	209.6	208.3
80°	196.1	196.7	196.8	195.9	194.6
80.5°	181.7	182.8	183.0	182.2	181.5
81°	168.3	169.4	169.7	169.2	168.4
81.5°	155.2	156.5	156.8	156.5	155.4
82°	142.1	143.6	144.1	143.9	142.6
82.5°	129.5	131.2	131.7	131.6	130.4
83°	117.3	119.2	119.7	119.8	118.8
83.5°	105.5	107.3	107.9	108.1	107.0
84°	94.2	95.8	96.6	96.9	95.9
84.5°	83.5	84.8	85.7	86.1	85.6
85°	73.3	74.2	75.1	75.6	75.0
85.5°	63.5	64.2	64.9	65.7	65.2
86°	54.4	55.1	55.5	56.2	56.2
86.5°	45.6	46.0	46.3	47.1	47.1
87°	37.3	37.3	37.5	38.5	38.5
87.5°	28.8	29.0	29.2	30.1	30.4
88°	20.3	21.0	21.2	22.0	22.0
88.5°	14.4	14.4	14.3	15.2	15.4



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**CANDELA DISTRIBUTION (continued):**

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-40-L850-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	0.7	0.8	0.8	0.8	0.7
113°	0.8	0.7	0.7	0.8	0.8
113.5°	0.8	0.8	0.8	0.9	0.9
114°	0.9	0.9	0.9	0.9	0.9
114.5°	0.9	0.9	0.9	0.9	0.8
115°	0.9	0.9	0.9	0.9	0.9
115.5°	1.0	0.9	1.0	1.0	0.9
116°	1.0	1.0	1.0	1.0	1.0
116.5°	1.1	1.1	1.1	1.1	1.0
117°	1.1	1.1	1.1	1.1	1.0
117.5°	1.2	1.1	1.2	1.1	1.1
118°	1.2	1.2	1.2	1.2	1.1
118.5°	1.3	1.2	1.2	1.2	1.2
119°	1.3	1.3	1.3	1.2	1.2
119.5°	1.3	1.3	1.3	1.3	1.2
120°	1.4	1.4	1.3	1.3	1.3
120.5°	1.4	1.3	1.4	1.4	1.3
121°	1.4	1.4	1.4	1.4	1.3
121.5°	1.6	1.5	1.5	1.4	1.4
122°	1.5	1.6	1.5	1.5	1.5
122.5°	1.6	1.6	1.5	1.5	1.5
123°	1.6	1.6	1.6	1.6	1.5
123.5°	1.6	1.7	1.6	1.5	1.6
124°	1.6	1.7	1.6	1.6	1.6
124.5°	1.7	1.7	1.6	1.6	1.6
125°	1.8	1.7	1.7	1.7	1.7
125.5°	1.8	1.8	1.7	1.7	1.7
126°	1.8	1.7	1.7	1.7	1.7
126.5°	1.7	1.8	1.8	1.7	1.7
127°	1.8	1.8	1.7	1.7	1.7
127.5°	1.9	1.8	1.8	1.7	1.7
128°	1.9	1.8	1.8	1.7	1.7
128.5°	1.8	1.8	1.7	1.7	1.7
129°	1.8	1.8	1.7	1.7	1.7
129.5°	1.7	1.8	1.7	1.7	1.7
130°	1.7	1.8	1.7	1.6	1.7
130.5°	1.8	1.7	1.7	1.6	1.7
131°	1.7	1.7	1.7	1.6	1.6
131.5°	1.7	1.7	1.6	1.6	1.6
132°	1.7	1.6	1.6	1.6	1.6
132.5°	1.7	1.6	1.6	1.6	1.6
133°	1.6	1.6	1.6	1.5	1.6
133.5°	1.7	1.6	1.5	1.5	1.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-40-L850-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	1.6	1.5	1.5	1.4	1.6
135.5°	1.5	1.6	1.5	1.4	1.5
136°	1.5	1.5	1.4	1.3	1.5
136.5°	1.5	1.5	1.4	1.3	1.5
137°	1.5	1.4	1.4	1.3	1.4
137.5°	1.5	1.4	1.4	1.3	1.4
138°	1.4	1.4	1.3	1.3	1.4
138.5°	1.5	1.4	1.3	1.2	1.3
139°	1.3	1.3	1.3	1.2	1.4
139.5°	1.4	1.3	1.2	1.2	1.3
140°	1.3	1.2	1.3	1.2	1.2
140.5°	1.3	1.2	1.2	1.2	1.2
141°	1.3	1.2	1.2	1.1	1.2
141.5°	1.2	1.2	1.2	1.1	1.2
142°	1.2	1.2	1.2	1.2	1.1
142.5°	1.2	1.2	1.2	1.1	1.1
143°	1.2	1.2	1.2	1.2	1.1
143.5°	1.2	1.2	1.2	1.1	1.1
144°	1.2	1.1	1.2	1.1	1.1
144.5°	1.2	1.1	1.2	1.1	1.1
145°	1.2	1.1	1.2	1.0	1.1
145.5°	1.2	1.1	1.1	1.0	1.2
146°	1.2	1.1	1.1	1.0	1.1
146.5°	1.2	1.1	1.1	1.0	1.1
147°	1.2	1.1	1.0	1.1	1.1
147.5°	1.1	1.1	1.0	1.1	1.2
148°	1.2	1.1	1.1	1.0	1.2
148.5°	1.2	1.1	1.1	1.0	1.2
149°	1.2	1.1	1.1	1.0	1.2
149.5°	1.2	1.1	1.1	1.0	1.2
150°	1.2	1.1	1.1	1.0	1.2
150.5°	1.2	1.1	1.1	1.1	1.2
151°	1.2	1.1	1.0	1.1	1.2
151.5°	1.2	1.1	1.0	1.1	1.2
152°	1.2	1.1	1.1	1.1	1.2
152.5°	1.2	1.2	1.1	1.1	1.2
153°	1.2	1.1	1.1	1.2	1.2
153.5°	1.3	1.2	1.1	1.1	1.2
154°	1.2	1.2	1.1	1.1	1.2
154.5°	1.2	1.1	1.1	1.2	1.2
155°	1.2	1.2	1.2	1.2	1.3
155.5°	1.2	1.1	1.1	1.2	1.2
156°	1.2	1.2	1.2	1.2	1.2



TEST NUMBER: P#

CATALOG NUMBER: 44ID-40-L850-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
157.5°	1.2	1.1	1.1	1.2	1.2
158°	1.2	1.2	1.1	1.2	1.2
158.5°	1.2	1.2	1.1	1.2	1.2
159°	1.2	1.2	1.1	1.2	1.3
159.5°	1.2	1.1	1.1	1.2	1.3
160°	1.2	1.2	1.1	1.2	1.2
160.5°	1.2	1.1	1.1	1.2	1.2
161°	1.2	1.1	1.1	1.2	1.2
161.5°	1.2	1.2	1.1	1.1	1.2
162°	1.2	1.1	1.2	1.2	1.2
162.5°	1.2	1.2	1.2	1.2	1.2
163°	1.2	1.2	1.2	1.2	1.2
163.5°	1.2	1.2	1.2	1.2	1.3
164°	1.2	1.2	1.2	1.2	1.2
164.5°	1.1	1.2	1.2	1.2	1.3
165°	1.2	1.2	1.1	1.2	1.2
165.5°	1.1	1.2	1.1	1.3	1.2
166°	1.2	1.2	1.2	1.2	1.2
166.5°	1.2	1.2	1.1	1.3	1.2
167°	1.2	1.2	1.2	1.3	1.3
167.5°	1.2	1.2	1.2	1.3	1.3
168°	1.2	1.2	1.2	1.3	1.2
168.5°	1.2	1.3	1.2	1.4	1.3
169°	1.3	1.2	1.2	1.4	1.3
169.5°	1.2	1.2	1.2	1.4	1.3
170°	1.3	1.2	1.2	1.4	1.3
170.5°	1.3	1.3	1.2	1.4	1.3
171°	1.3	1.3	1.3	1.4	1.4
171.5°	1.2	1.3	1.3	1.4	1.3
172°	1.2	1.3	1.3	1.4	1.3
172.5°	1.3	1.3	1.3	1.4	1.3
173°	1.2	1.2	1.3	1.4	1.4
173.5°	1.3	1.3	1.4	1.4	1.4
174°	1.4	1.4	1.5	1.4	1.4
174.5°	1.4	1.4	1.4	1.5	1.4
175°	1.5	1.4	1.5	1.5	1.4
175.5°	1.5	1.4	1.5	1.5	1.5
176°	1.5	1.5	1.5	1.4	1.4
176.5°	1.6	1.5	1.5	1.4	1.4
177°	1.5	1.5	1.4	1.4	1.4
177.5°	1.5	1.5	1.4	1.3	1.5
178°	1.4	1.4	1.3	1.3	1.4
178.5°	1.4	1.4	1.3	1.3	1.3



TEST NUMBER: P#

CATALOG NUMBER: 44ID-40-L850-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	1.2	1.2	1.2	1.2	1.2



Report Generated By 670246072 / DESKTOP-MV3F9LC







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







21.5°	1277.9	1276.4	1270.1	1264.2	1261.7
22°	1277.3	1275.7	1269.2	1263.3	1260.8



44°	1143.9	1139.2	1129.9	1124.3	1120.6
44.5°	1136.8	1131.8	1123.1	1117.2	1113.4



66.5°	611.0	608.5	603.8	602.3	600.7
67°	595.7	592.9	588.6	587.0	585.8



89°	9.1	8.9	8.8	9.3	9.4
89.5°	4.0	4.1	4.0	4.3	4.2



111.5°	0.8	0.7	0.7	0.7	0.7
112°	0.8	0.7	0.7	0.7	0.8





134°	1.6	1.6	1.5	1.5	1.6
134.5°	1.6	1.5	1.5	1.4	1.5



156.5°	1.2	1.1	1.2	1.2	1.2
157°	1.2	1.1	1.2	1.2	1.2



179°	1.3	1.3	1.2	1.3	1.3
179.5°	1.2	1.2	1.2	1.2	1.3



(END OF REPORT)