

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-50-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-50-L940-CFR2  
Description: 5000 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

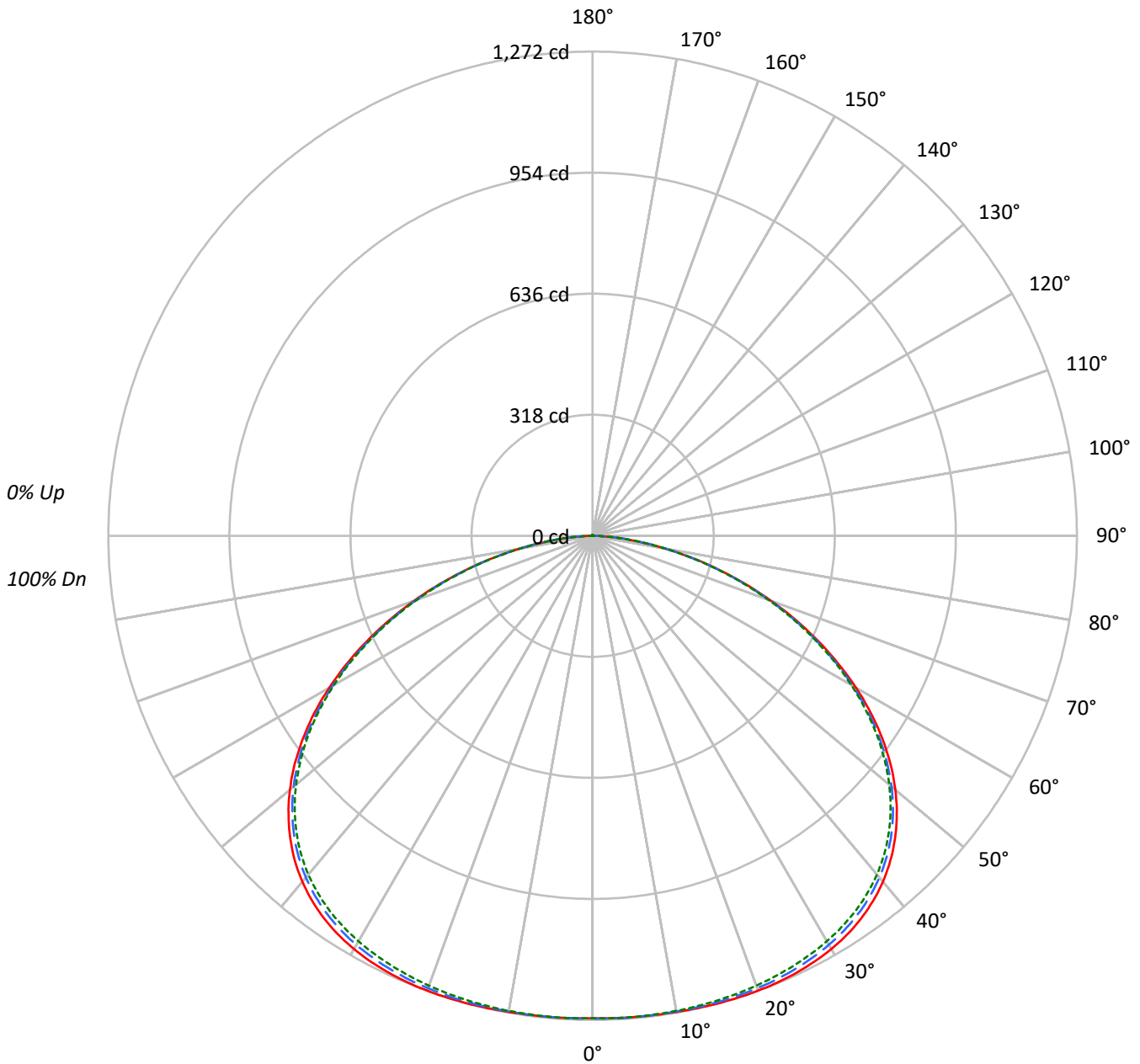
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4591.0 lumens  
Efficiency: N/A  
Efficacy: 117.7 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): 39  
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-50-L940-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°	905	905	905
5°	909	909	909
10°	921	920	919
15°	940	938	934
20°	966	961	955
25°	998	990	982
30°	1033	1023	1014
35°	1070	1058	1049
40°	1105	1092	1083
45°	1134	1120	1111
50°	1153	1139	1129
55°	1156	1142	1133
60°	1141	1127	1120
65°	1104	1091	1086
70°	1041	1029	1024
75°	943	937	932
80°	802	805	796
85°	597	612	611



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	121.1	2.6
10°-20°	359.4	7.8
20°-30°	580.9	12.7
30°-40°	760.9	16.6
40°-50°	855.9	18.6
50°-60°	819.0	17.8
60°-70°	638.7	13.9
70°-80°	360.0	7.8
80°-90°	89.1	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°	1061.4	23.1
0°-40°	1822.3	39.7
0°-60°	3497.2	76.2
0°-90°	4584.9	99.9
90°-120°	1.8	0.0
90°-150°	5.1	0.1
90°-180°	6.0	0.1
0°-180°	4591.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1268	1268	1268	1268	1268	
5°	1269	1269	1269	1269	1269	121
15°	1272	1272	1268	1266	1264	360
25°	1267	1264	1257	1250	1247	585
35°	1228	1224	1214	1207	1203	769
45°	1124	1118	1110	1104	1100	865
55°	929	924	918	914	911	828
65°	653	651	646	644	643	645
75°	342	342	340	339	338	362
85°	73	74	75	75	75	85
90°	1	1	1	1	1	3
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	1
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°	1267.9	1267.9	1267.9	1267.9	1267.9
0.5°	1267.6	1268.5	1268.8	1268.5	1267.9
1°	1267.9	1268.5	1268.8	1268.8	1268.2
1.5°	1268.2	1268.8	1268.8	1268.8	1268.5
2°	1268.2	1268.8	1268.8	1269.1	1268.5
2.5°	1268.5	1269.1	1269.1	1269.1	1268.5
3°	1268.8	1269.1	1269.1	1269.1	1268.8
3.5°	1268.8	1269.1	1269.1	1269.1	1268.8
4°	1269.1	1269.1	1269.1	1269.1	1268.8
4.5°	1269.1	1269.4	1269.1	1269.1	1268.8
5°	1269.1	1269.4	1269.1	1269.1	1268.8
5.5°	1269.1	1269.4	1269.1	1269.1	1268.8
6°	1269.4	1269.4	1269.1	1269.1	1268.5
6.5°	1269.4	1269.8	1269.4	1269.1	1268.5
7°	1269.4	1269.8	1269.1	1269.1	1268.5
7.5°	1269.4	1269.8	1269.1	1268.8	1268.2
8°	1269.8	1269.8	1269.4	1268.8	1268.2
8.5°	1269.8	1270.1	1269.1	1268.8	1267.9
9°	1270.1	1270.1	1269.4	1268.5	1267.9
9.5°	1270.1	1270.4	1269.1	1268.5	1267.6
10°	1270.4	1270.4	1269.1	1268.2	1267.3
10.5°	1270.7	1270.7	1269.1	1268.2	1267.3
11°	1270.7	1270.7	1269.1	1267.9	1267.0
11.5°	1271.0	1271.0	1269.1	1267.6	1266.7
12°	1271.0	1271.0	1269.1	1267.6	1266.4
12.5°	1271.3	1271.0	1268.8	1267.3	1266.0
13°	1271.3	1271.0	1268.8	1267.0	1265.7
13.5°	1271.6	1271.3	1268.8	1266.7	1265.4
14°	1271.6	1271.3	1268.8	1266.4	1264.8
14.5°	1271.9	1271.3	1268.5	1266.0	1264.5
15°	1271.9	1271.6	1268.5	1265.7	1264.2
15.5°	1272.2	1271.6	1268.2	1265.1	1263.6
16°	1271.9	1271.6	1267.9	1264.8	1263.0
16.5°	1272.2	1271.6	1267.9	1264.2	1262.3
17°	1272.2	1271.3	1267.6	1263.6	1262.0
17.5°	1272.2	1271.3	1267.0	1263.3	1261.4
18°	1272.2	1271.3	1266.7	1262.6	1260.5
18.5°	1272.2	1271.0	1266.4	1262.0	1259.9
19°	1271.9	1271.0	1266.0	1261.4	1259.2
19.5°	1271.9	1270.7	1265.4	1260.5	1258.3
20°	1271.6	1270.4	1264.8	1259.9	1257.7
20.5°	1271.3	1270.1	1264.5	1259.2	1256.8
21°	1271.3	1269.8	1263.9	1258.3	1255.8



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	1270.1	1268.2	1261.7	1255.5	1252.7
23°	1269.4	1267.6	1260.8	1254.6	1251.8
23.5°	1268.8	1267.0	1259.9	1253.4	1250.6
24°	1268.2	1266.4	1258.9	1252.1	1249.3
24.5°	1267.6	1265.4	1258.0	1250.9	1248.1
25°	1266.7	1264.5	1256.8	1249.7	1246.9
25.5°	1265.7	1263.6	1255.5	1248.4	1245.3
26°	1264.8	1262.6	1254.3	1247.2	1244.1
26.5°	1263.9	1261.4	1253.1	1245.6	1242.5
27°	1262.6	1260.2	1251.5	1244.1	1241.0
27.5°	1261.4	1258.9	1250.0	1242.5	1239.5
28°	1260.2	1257.4	1248.4	1241.0	1237.9
28.5°	1258.6	1255.8	1246.9	1239.1	1236.0
29°	1257.1	1254.3	1245.0	1237.3	1234.2
29.5°	1255.5	1252.4	1243.2	1235.4	1232.0
30°	1253.7	1250.6	1241.0	1233.3	1229.9
30.5°	1251.8	1248.7	1238.8	1231.1	1228.0
31°	1249.7	1246.6	1236.7	1228.9	1225.5
31.5°	1247.8	1244.4	1234.2	1226.8	1223.4
32°	1245.3	1241.9	1232.0	1224.3	1220.9
32.5°	1242.9	1239.5	1229.2	1221.5	1218.1
33°	1240.4	1236.7	1226.5	1219.0	1215.3
33.5°	1237.6	1233.9	1223.7	1216.3	1212.5
34°	1234.5	1230.8	1220.6	1213.2	1209.8
34.5°	1231.4	1227.7	1217.5	1210.1	1206.7
35°	1228.3	1224.3	1214.1	1206.7	1203.3
35.5°	1224.9	1220.9	1210.7	1203.3	1199.9
36°	1221.5	1217.2	1207.0	1199.9	1196.2
36.5°	1217.5	1213.5	1203.3	1196.2	1192.8
37°	1213.5	1209.5	1199.2	1192.1	1188.7
37.5°	1209.5	1205.1	1195.2	1188.1	1184.4
38°	1205.1	1201.1	1190.9	1184.1	1180.4
38.5°	1200.8	1196.5	1186.3	1179.5	1176.1
39°	1196.2	1191.5	1181.6	1175.1	1171.4
39.5°	1191.2	1186.6	1177.0	1170.2	1166.8
40°	1186.0	1181.6	1171.7	1165.2	1161.8
40.5°	1181.0	1176.4	1166.5	1160.3	1156.6
41°	1175.4	1170.8	1161.2	1154.7	1151.0
41.5°	1169.6	1164.9	1155.3	1149.2	1145.4
42°	1163.7	1159.0	1149.5	1143.6	1139.6
42.5°	1157.5	1152.9	1143.3	1137.4	1133.7
43°	1151.3	1146.4	1137.1	1131.2	1127.5
43.5°	1144.8	1139.9	1130.6	1124.7	1121.0



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	1123.5	1118.5	1109.6	1104.3	1100.3
45.5°	1116.1	1110.8	1102.1	1096.9	1093.2
46°	1108.3	1103.1	1094.4	1089.2	1085.4
46.5°	1100.3	1095.0	1086.7	1081.4	1077.7
47°	1091.9	1087.0	1078.3	1073.7	1069.7
47.5°	1083.6	1078.3	1070.0	1065.3	1061.3
48°	1075.2	1069.7	1061.6	1056.7	1052.7
48.5°	1066.3	1061.0	1053.0	1048.3	1044.6
49°	1056.7	1051.7	1043.7	1038.8	1035.3
49.5°	1047.4	1042.5	1034.4	1029.8	1026.1
50°	1037.8	1032.6	1025.1	1020.5	1016.8
50.5°	1027.9	1022.7	1015.2	1010.6	1007.2
51°	1018.0	1012.8	1005.4	1000.7	997.0
51.5°	1007.5	1002.3	994.8	990.5	987.1
52°	997.0	991.7	984.3	980.3	976.9
52.5°	986.5	981.2	973.8	969.5	966.4
53°	975.0	970.1	963.3	959.3	955.9
53.5°	963.6	958.7	951.9	947.8	944.7
54°	952.2	947.2	940.4	936.4	933.6
54.5°	941.0	935.8	929.3	925.3	922.5
55°	929.0	924.0	917.5	913.5	910.7
55.5°	916.9	912.0	905.5	901.4	899.0
56°	904.2	899.6	893.1	889.7	887.2
56.5°	891.6	887.2	880.7	877.3	874.9
57°	879.2	874.5	868.4	865.3	862.8
57.5°	866.8	861.9	855.7	852.6	850.1
58°	853.2	848.6	842.7	839.6	837.4
58.5°	839.9	835.6	829.4	826.6	824.4
59°	826.6	822.3	816.4	813.6	811.5
59.5°	812.7	808.7	802.8	800.0	797.8
60°	799.1	794.8	789.2	786.7	784.6
60.5°	785.2	781.5	775.6	773.1	770.9
61°	770.9	767.2	761.7	759.2	757.0
61.5°	756.4	753.3	747.8	745.3	743.4
62°	742.2	739.1	733.5	731.4	729.5
62.5°	727.7	724.6	719.0	716.8	715.0
63°	713.1	710.0	704.8	702.6	700.7
63.5°	698.3	695.2	690.2	688.1	686.2
64°	683.4	680.3	675.1	673.5	671.4
64.5°	668.6	665.5	660.2	658.7	656.8
65°	653.4	651.0	646.0	644.2	642.9
65.5°	638.6	635.5	630.9	629.3	627.5
66°	622.8	620.3	615.7	614.2	612.9





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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	577.0	574.3	570.2	568.7	567.2
68°	561.3	558.8	554.8	553.5	552.0
68.5°	545.5	543.0	539.0	538.1	537.2
69°	529.7	527.3	523.9	522.9	521.7
69.5°	514.3	511.8	508.7	507.8	506.2
70°	498.5	496.3	493.2	492.3	490.8
70.5°	482.7	480.6	477.8	476.9	475.3
71°	467.0	465.1	462.6	461.4	459.8
71.5°	451.5	449.6	446.9	445.9	444.7
72°	435.7	434.2	431.4	430.8	429.2
72.5°	420.0	418.7	415.9	415.3	414.1
73°	404.2	402.9	400.2	399.5	398.6
73.5°	388.7	387.5	385.0	384.1	383.2
74°	373.3	372.3	369.9	369.2	368.0
74.5°	357.5	356.9	354.7	353.8	352.8
75°	341.7	341.7	339.6	338.9	338.0
75.5°	326.6	326.6	324.4	323.8	322.9
76°	311.4	311.4	309.2	308.7	307.4
76.5°	296.1	296.2	294.4	293.8	292.7
77°	281.4	281.6	279.9	279.1	278.1
77.5°	265.8	266.5	265.1	264.4	263.4
78°	251.1	252.1	250.7	250.1	249.2
78.5°	237.3	237.9	237.0	236.3	235.1
79°	222.9	223.4	222.8	222.2	221.0
79.5°	208.7	209.5	209.0	208.5	207.1
80°	195.0	195.6	195.7	194.9	193.6
80.5°	180.7	181.8	182.0	181.2	180.5
81°	167.4	168.5	168.8	168.3	167.5
81.5°	154.4	155.6	155.9	155.6	154.5
82°	141.3	142.8	143.3	143.1	141.9
82.5°	128.8	130.5	131.0	130.8	129.7
83°	116.7	118.6	119.0	119.2	118.1
83.5°	105.0	106.8	107.3	107.5	106.4
84°	93.7	95.3	96.1	96.4	95.4
84.5°	83.0	84.3	85.2	85.6	85.1
85°	72.9	73.8	74.7	75.2	74.6
85.5°	63.1	63.9	64.5	65.4	64.8
86°	54.1	54.8	55.2	55.9	55.9
86.5°	45.4	45.7	46.1	46.9	46.9
87°	37.1	37.1	37.3	38.3	38.3
87.5°	28.6	28.9	29.0	29.9	30.2
88°	20.2	20.9	21.1	21.9	21.9
88.5°	14.3	14.3	14.3	15.1	15.3



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	0.7	0.6	0.7	0.7	0.6
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°	0.6	0.6	0.6	0.6	0.6
110°	0.6	0.6	0.6	0.6	0.6
110.5°	0.6	0.6	0.6	0.6	0.7
111°	0.6	0.7	0.7	0.7	0.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L940-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	1.1	1.1	1.1
118°	1.2	1.1	1.2	1.1	1.1
118.5°	1.3	1.2	1.2	1.2	1.1
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°	1.5	1.5	1.5	1.4	1.4
122°	1.5	1.5	1.5	1.5	1.5
122.5°	1.6	1.5	1.5	1.5	1.5
123°	1.6	1.6	1.5	1.5	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	1.5
133.5°	1.7	1.6	1.5	1.5	1.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L940-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	1.6	1.5	1.5	1.4	1.5
135.5°	1.5	1.5	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°	1.1	1.1	1.2	1.1	1.1
142.5°	1.1	1.2	1.2	1.1	1.1
143°	1.2	1.2	1.2	1.1	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°	1.1	1.1	1.1	1.1	1.1
145°	1.2	1.1	1.1	1.0	1.1
145.5°	1.1	1.1	1.1	1.0	1.2
146°	1.1	1.1	1.1	1.0	1.1
146.5°	1.2	1.1	1.1	1.0	1.1
147°	1.1	1.1	1.0	1.1	1.1
147.5°	1.1	1.1	1.0	1.1	1.1
148°	1.1	1.1	1.1	1.0	1.1
148.5°	1.2	1.1	1.1	1.0	1.1
149°	1.1	1.1	1.1	1.0	1.1
149.5°	1.2	1.1	1.1	1.0	1.2
150°	1.2	1.1	1.1	1.0	1.1
150.5°	1.1	1.1	1.1	1.1	1.1
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	1.1
152.5°	1.2	1.1	1.1	1.1	1.2
153°	1.2	1.1	1.1	1.1	1.2
153.5°	1.3	1.1	1.1	1.1	1.2
154°	1.2	1.1	1.1	1.1	1.2
154.5°	1.2	1.1	1.1	1.2	1.2
155°	1.1	1.1	1.1	1.2	1.3
155.5°	1.2	1.1	1.1	1.1	1.2
156°	1.1	1.1	1.1	1.1	1.2



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L940-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
157.5°	1.1	1.1	1.1	1.2	1.2
158°	1.2	1.1	1.1	1.1	1.2
158.5°	1.2	1.1	1.1	1.1	1.2
159°	1.2	1.1	1.1	1.1	1.3
159.5°	1.2	1.1	1.1	1.1	1.3
160°	1.2	1.1	1.1	1.1	1.2
160.5°	1.1	1.1	1.1	1.2	1.2
161°	1.1	1.1	1.1	1.2	1.2
161.5°	1.2	1.1	1.1	1.1	1.2
162°	1.1	1.1	1.1	1.2	1.2
162.5°	1.2	1.2	1.1	1.1	1.2
163°	1.2	1.1	1.2	1.2	1.2
163.5°	1.2	1.1	1.2	1.2	1.3
164°	1.1	1.2	1.1	1.2	1.2
164.5°	1.1	1.2	1.2	1.2	1.3
165°	1.1	1.1	1.1	1.2	1.2
165.5°	1.1	1.1	1.1	1.3	1.2
166°	1.2	1.2	1.1	1.2	1.2
166.5°	1.2	1.1	1.1	1.3	1.1
167°	1.1	1.2	1.1	1.3	1.3
167.5°	1.2	1.2	1.2	1.3	1.3
168°	1.2	1.2	1.1	1.3	1.2
168.5°	1.2	1.3	1.2	1.4	1.3
169°	1.3	1.2	1.1	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°	1.5	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-50-L940-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°	1271.0	1269.4	1263.3	1257.4	1254.9
22°	1270.4	1268.8	1262.3	1256.5	1254.0



44°	1137.7	1133.1	1123.8	1118.2	1114.5
44.5°	1130.6	1125.6	1117.0	1111.1	1107.4



66.5°	607.7	605.2	600.6	599.0	597.5
67°	592.5	589.7	585.4	583.9	582.6



89°	9.0	8.9	8.8	9.2	9.4
89.5°	4.0	4.1	4.0	4.2	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	1.5	1.5	1.5	1.6
134.5°	1.6	1.5	1.5	1.4	1.5



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