

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-L950-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-L950-CFR2  
Description: 5000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS  
AND 5000K CCT, 90CRI LEDS  
Light Source: -  
Ballast/Driver:  
Luminaire Equipment: Sample No. Condition Description

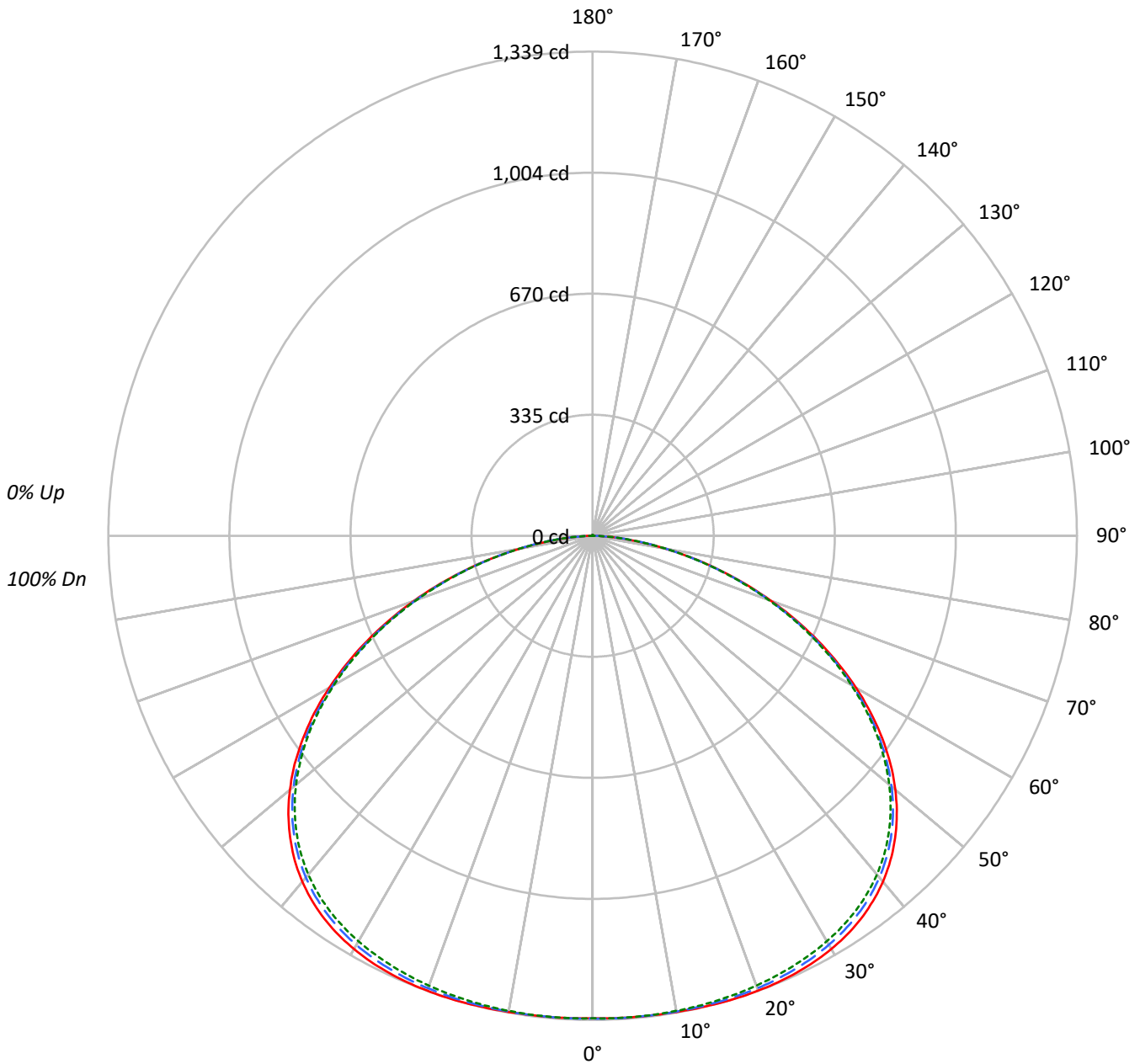
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4833.0 lumens  
Efficiency: N/A  
Efficacy: 123.9 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 (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									
RC	80									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°	953	953	953
5°	957	957	957
10°	969	968	967
15°	990	987	984
20°	1017	1012	1006
25°	1050	1042	1034
30°	1088	1077	1067
35°	1127	1114	1104
40°	1164	1150	1140
45°	1194	1179	1169
50°	1213	1199	1189
55°	1217	1202	1193
60°	1201	1186	1179
65°	1162	1149	1143
70°	1095	1084	1078
75°	992	986	981
80°	844	847	838
85°	629	644	643



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	127.5	2.6
10°-20°	378.3	7.8
20°-30°	611.5	12.7
30°-40°	801.0	16.6
40°-50°	901.0	18.6
50°-60°	862.1	17.8
60°-70°	672.4	13.9
70°-80°	378.9	7.8
80°-90°	93.8	1.9
90°-100°	0.3	0.0
100°-110°	0.6	0.0
110°-120°	1.0	0.0
120°-130°	1.5	0.0
130°-140°	1.2	0.0
140°-150°	0.7	0.0
150°-160°	0.6	0.0
160°-170°	0.4	0.0
170°-180°	0.1	0.0
0°-30°	1117.4	23.1
0°-40°	1918.4	39.7
0°-60°	3681.5	76.2
0°-90°	4826.6	99.9
90°-120°	1.9	0.0
90°-150°	5.4	0.1
90°-180°	6.0	0.1
0°-180°	4833.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1335	1335	1335	1335	1335	
5°	1336	1336	1336	1336	1336	128
15°	1339	1339	1335	1332	1331	380
25°	1333	1331	1323	1316	1313	616
35°	1293	1289	1278	1270	1267	810
45°	1183	1178	1168	1162	1158	911
55°	978	973	966	962	959	872
65°	688	685	680	678	677	679
75°	360	360	357	357	356	381
85°	77	78	79	79	78	89
90°	1	1	1	1	1	4
95°	0	0	0	0	0	0
105°	1	0	0	1	1	1
115°	1	1	1	1	1	1
125°	2	2	2	2	2	2
135°	2	2	2	2	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	2	2	2	2	0
180°	1	1	1	1	1	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1334.7	1334.7	1334.7	1334.7	1334.7
0.5°	1334.4	1335.4	1335.7	1335.4	1334.7
1°	1334.7	1335.4	1335.7	1335.7	1335.1
1.5°	1335.1	1335.7	1335.7	1335.7	1335.4
2°	1335.1	1335.7	1335.7	1336.0	1335.4
2.5°	1335.4	1336.0	1336.0	1336.0	1335.4
3°	1335.7	1336.0	1336.0	1336.0	1335.7
3.5°	1335.7	1336.0	1336.0	1336.0	1335.7
4°	1336.0	1336.0	1336.0	1336.0	1335.7
4.5°	1336.0	1336.4	1336.0	1336.0	1335.7
5°	1336.0	1336.4	1336.0	1336.0	1335.7
5.5°	1336.0	1336.4	1336.0	1336.0	1335.7
6°	1336.4	1336.4	1336.0	1336.0	1335.4
6.5°	1336.4	1336.7	1336.4	1336.0	1335.4
7°	1336.4	1336.7	1336.0	1336.0	1335.4
7.5°	1336.4	1336.7	1336.0	1335.7	1335.1
8°	1336.7	1336.7	1336.4	1335.7	1335.1
8.5°	1336.7	1337.0	1336.0	1335.7	1334.7
9°	1337.0	1337.0	1336.4	1335.4	1334.7
9.5°	1337.0	1337.3	1336.0	1335.4	1334.4
10°	1337.3	1337.3	1336.0	1335.1	1334.1
10.5°	1337.7	1337.7	1336.0	1335.1	1334.1
11°	1337.7	1337.7	1336.0	1334.7	1333.8
11.5°	1338.0	1338.0	1336.0	1334.4	1333.4
12°	1338.0	1338.0	1336.0	1334.4	1333.1
12.5°	1338.3	1338.0	1335.7	1334.1	1332.8
13°	1338.3	1338.0	1335.7	1333.8	1332.5
13.5°	1338.6	1338.3	1335.7	1333.4	1332.1
14°	1338.6	1338.3	1335.7	1333.1	1331.5
14.5°	1339.0	1338.3	1335.4	1332.8	1331.2
15°	1339.0	1338.6	1335.4	1332.5	1330.8
15.5°	1339.3	1338.6	1335.1	1331.8	1330.2
16°	1339.0	1338.6	1334.7	1331.5	1329.5
16.5°	1339.3	1338.6	1334.7	1330.8	1328.9
17°	1339.3	1338.3	1334.4	1330.2	1328.5
17.5°	1339.3	1338.3	1333.8	1329.9	1327.9
18°	1339.3	1338.3	1333.4	1329.2	1326.9
18.5°	1339.3	1338.0	1333.1	1328.5	1326.3
19°	1339.0	1338.0	1332.8	1327.9	1325.6
19.5°	1339.0	1337.7	1332.1	1326.9	1324.6
20°	1338.6	1337.3	1331.5	1326.3	1324.0
20.5°	1338.3	1337.0	1331.2	1325.6	1323.0
21°	1338.3	1336.7	1330.5	1324.6	1322.0



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	1337.0	1335.1	1328.2	1321.7	1318.8
23°	1336.4	1334.4	1327.2	1320.7	1317.8
23.5°	1335.7	1333.8	1326.3	1319.4	1316.5
24°	1335.1	1333.1	1325.3	1318.1	1315.2
24.5°	1334.4	1332.1	1324.3	1316.8	1313.9
25°	1333.4	1331.2	1323.0	1315.5	1312.6
25.5°	1332.5	1330.2	1321.7	1314.2	1311.0
26°	1331.5	1329.2	1320.4	1312.9	1309.7
26.5°	1330.5	1327.9	1319.1	1311.3	1308.0
27°	1329.2	1326.6	1317.5	1309.7	1306.4
27.5°	1327.9	1325.3	1315.9	1308.0	1304.8
28°	1326.6	1323.7	1314.2	1306.4	1303.2
28.5°	1325.0	1322.0	1312.6	1304.5	1301.2
29°	1323.3	1320.4	1310.6	1302.5	1299.2
29.5°	1321.7	1318.5	1308.7	1300.6	1297.0
30°	1319.8	1316.5	1306.4	1298.3	1294.7
30.5°	1317.8	1314.6	1304.1	1296.0	1292.7
31°	1315.5	1312.3	1301.9	1293.7	1290.1
31.5°	1313.6	1310.0	1299.2	1291.4	1287.9
32°	1311.0	1307.4	1297.0	1288.8	1285.3
32.5°	1308.4	1304.8	1294.0	1285.9	1282.3
33°	1305.8	1301.9	1291.1	1283.3	1279.4
33.5°	1302.8	1298.9	1288.2	1280.4	1276.5
34°	1299.6	1295.7	1284.9	1277.1	1273.5
34.5°	1296.3	1292.4	1281.7	1273.9	1270.3
35°	1293.1	1288.8	1278.1	1270.3	1266.7
35.5°	1289.5	1285.3	1274.5	1266.7	1263.1
36°	1285.9	1281.3	1270.6	1263.1	1259.2
36.5°	1281.7	1277.4	1266.7	1259.2	1255.6
37°	1277.4	1273.2	1262.5	1255.0	1251.4
37.5°	1273.2	1268.6	1258.2	1250.7	1246.8
38°	1268.6	1264.4	1253.7	1246.5	1242.6
38.5°	1264.1	1259.5	1248.8	1241.6	1238.0
39°	1259.2	1254.3	1243.9	1237.1	1233.2
39.5°	1254.0	1249.1	1239.0	1231.9	1228.3
40°	1248.5	1243.9	1233.5	1226.7	1223.1
40.5°	1243.3	1238.4	1228.0	1221.4	1217.5
41°	1237.4	1232.5	1222.4	1215.6	1211.7
41.5°	1231.2	1226.3	1216.2	1209.7	1205.8
42°	1225.0	1220.1	1210.1	1203.9	1199.6
42.5°	1218.5	1213.6	1203.5	1197.4	1193.4
43°	1212.0	1206.8	1197.0	1190.8	1186.9
43.5°	1205.2	1200.0	1190.2	1184.0	1180.1



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	1182.7	1177.5	1168.1	1162.5	1158.3
45.5°	1174.9	1169.4	1160.2	1154.7	1150.8
46°	1166.8	1161.2	1152.1	1146.6	1142.7
46.5°	1158.3	1152.8	1144.0	1138.4	1134.5
47°	1149.5	1144.3	1135.2	1130.3	1126.1
47.5°	1140.7	1135.2	1126.4	1121.5	1117.3
48°	1131.9	1126.1	1117.6	1112.4	1108.2
48.5°	1122.5	1116.9	1108.5	1103.6	1099.7
49°	1112.4	1107.2	1098.7	1093.5	1089.9
49.5°	1102.6	1097.4	1088.9	1084.1	1080.2
50°	1092.5	1087.0	1079.2	1074.3	1070.4
50.5°	1082.1	1076.6	1068.8	1063.9	1060.3
51°	1071.7	1066.2	1058.3	1053.5	1049.6
51.5°	1060.6	1055.1	1047.3	1042.7	1039.1
52°	1049.6	1044.0	1036.2	1032.0	1028.4
52.5°	1038.5	1033.0	1025.1	1020.6	1017.3
53°	1026.4	1021.2	1014.1	1009.8	1006.3
53.5°	1014.4	1009.2	1002.0	997.8	994.5
54°	1002.4	997.1	990.0	985.8	982.8
54.5°	990.6	985.1	978.3	974.0	971.1
55°	977.9	972.7	965.9	961.7	958.7
55.5°	965.2	960.0	953.2	949.0	946.4
56°	951.9	947.0	940.2	936.6	934.0
56.5°	938.5	934.0	927.2	923.6	921.0
57°	925.5	920.6	914.1	910.9	908.3
57.5°	912.5	907.3	900.8	897.5	894.9
58°	898.2	893.3	887.1	883.9	881.6
58.5°	884.2	879.6	873.1	870.2	867.9
59°	870.2	865.6	859.4	856.5	854.2
59.5°	855.5	851.3	845.1	842.2	839.9
60°	841.2	836.7	830.8	828.2	825.9
60.5°	826.6	822.7	816.5	813.9	811.6
61°	811.6	807.7	801.8	799.2	796.9
61.5°	796.3	793.0	787.2	784.6	782.6
62°	781.3	778.1	772.2	769.9	768.0
62.5°	766.0	762.8	756.9	754.6	752.7
63°	750.7	747.5	741.9	739.6	737.7
63.5°	735.1	731.8	726.6	724.3	722.4
64°	719.5	716.2	710.7	709.0	706.8
64.5°	703.8	700.6	695.0	693.4	691.5
65°	687.9	685.3	680.1	678.1	676.8
65.5°	672.3	669.0	664.1	662.5	660.5
66°	655.6	653.0	648.2	646.5	645.2





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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	607.5	604.5	600.3	598.7	597.0
68°	590.9	588.3	584.0	582.7	581.1
68.5°	574.3	571.7	567.4	566.4	565.5
69°	557.7	555.1	551.5	550.5	549.2
69.5°	541.4	538.8	535.5	534.5	532.9
70°	524.8	522.5	519.2	518.3	516.6
70.5°	508.2	505.9	503.0	502.0	500.4
71°	491.6	489.6	487.0	485.7	484.1
71.5°	475.3	473.3	470.4	469.4	468.1
72°	458.7	457.1	454.1	453.5	451.9
72.5°	442.1	440.8	437.9	437.2	435.9
73°	425.5	424.2	421.3	420.6	419.6
73.5°	409.2	407.9	405.3	404.3	403.4
74°	392.9	392.0	389.4	388.7	387.4
74.5°	376.3	375.7	373.4	372.4	371.4
75°	359.7	359.7	357.4	356.8	355.8
75.5°	343.8	343.8	341.5	340.8	339.9
76°	327.8	327.8	325.5	324.9	323.6
76.5°	311.7	311.8	309.9	309.2	308.2
77°	296.3	296.4	294.7	293.8	292.7
77.5°	279.8	280.6	279.1	278.3	277.3
78°	264.4	265.4	263.9	263.3	262.4
78.5°	249.9	250.5	249.5	248.8	247.5
79°	234.7	235.1	234.5	233.9	232.6
79.5°	219.7	220.5	220.1	219.5	218.0
80°	205.3	205.9	206.0	205.1	203.8
80.5°	190.2	191.4	191.6	190.7	190.1
81°	176.3	177.4	177.7	177.2	176.3
81.5°	162.5	163.8	164.1	163.8	162.7
82°	148.7	150.4	150.9	150.6	149.3
82.5°	135.6	137.4	137.9	137.7	136.5
83°	122.8	124.8	125.3	125.5	124.4
83.5°	110.5	112.4	113.0	113.2	112.0
84°	98.6	100.3	101.1	101.4	100.4
84.5°	87.4	88.7	89.7	90.1	89.6
85°	76.8	77.7	78.6	79.2	78.5
85.5°	66.5	67.3	67.9	68.8	68.3
86°	56.9	57.7	58.1	58.9	58.9
86.5°	47.8	48.1	48.5	49.4	49.4
87°	39.1	39.1	39.2	40.3	40.3
87.5°	30.1	30.4	30.5	31.5	31.8
88°	21.3	22.0	22.2	23.1	23.0
88.5°	15.0	15.0	15.0	15.9	16.1



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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L950-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	0.8	0.8	0.8	0.8	0.7
113°	0.9	0.8	0.8	0.8	0.8
113.5°	0.9	0.9	0.9	0.9	0.9
114°	0.9	0.9	0.9	0.9	0.9
114.5°	1.0	1.0	0.9	0.9	0.9
115°	1.0	1.0	0.9	1.0	0.9
115.5°	1.1	1.0	1.0	1.0	0.9
116°	1.0	1.1	1.1	1.0	1.0
116.5°	1.1	1.1	1.1	1.1	1.1
117°	1.2	1.2	1.2	1.2	1.0
117.5°	1.2	1.2	1.2	1.2	1.1
118°	1.2	1.2	1.3	1.2	1.1
118.5°	1.3	1.3	1.3	1.2	1.2
119°	1.3	1.3	1.4	1.3	1.3
119.5°	1.4	1.4	1.4	1.3	1.3
120°	1.4	1.4	1.4	1.4	1.4
120.5°	1.5	1.4	1.5	1.4	1.4
121°	1.5	1.5	1.5	1.5	1.4
121.5°	1.6	1.6	1.5	1.5	1.5
122°	1.5	1.6	1.6	1.5	1.6
122.5°	1.7	1.6	1.6	1.6	1.5
123°	1.7	1.7	1.6	1.6	1.6
123.5°	1.7	1.8	1.7	1.6	1.7
124°	1.7	1.8	1.7	1.7	1.7
124.5°	1.8	1.8	1.7	1.7	1.7
125°	1.9	1.8	1.8	1.8	1.8
125.5°	1.9	1.9	1.8	1.8	1.8
126°	1.9	1.8	1.8	1.8	1.8
126.5°	1.8	1.9	1.9	1.8	1.8
127°	1.9	1.9	1.8	1.8	1.8
127.5°	2.0	1.9	1.9	1.8	1.8
128°	2.0	1.9	1.9	1.8	1.8
128.5°	1.9	1.9	1.8	1.8	1.8
129°	1.9	1.9	1.8	1.8	1.8
129.5°	1.8	1.9	1.8	1.8	1.8
130°	1.8	1.9	1.8	1.7	1.8
130.5°	1.9	1.8	1.8	1.7	1.8
131°	1.8	1.8	1.8	1.7	1.7
131.5°	1.8	1.8	1.7	1.7	1.7
132°	1.8	1.7	1.7	1.7	1.7
132.5°	1.8	1.7	1.7	1.7	1.7
133°	1.7	1.7	1.7	1.6	1.6
133.5°	1.8	1.7	1.6	1.5	1.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L950-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	1.7	1.6	1.5	1.5	1.6
135.5°	1.6	1.6	1.5	1.5	1.6
136°	1.6	1.5	1.5	1.4	1.6
136.5°	1.6	1.5	1.5	1.4	1.5
137°	1.6	1.5	1.5	1.4	1.5
137.5°	1.5	1.5	1.4	1.3	1.4
138°	1.5	1.4	1.4	1.3	1.4
138.5°	1.5	1.4	1.4	1.3	1.4
139°	1.3	1.4	1.4	1.2	1.4
139.5°	1.4	1.3	1.3	1.3	1.4
140°	1.4	1.3	1.3	1.2	1.3
140.5°	1.4	1.3	1.3	1.2	1.3
141°	1.3	1.3	1.3	1.2	1.2
141.5°	1.2	1.3	1.3	1.2	1.2
142°	1.2	1.2	1.3	1.2	1.1
142.5°	1.2	1.3	1.2	1.2	1.1
143°	1.3	1.2	1.2	1.2	1.1
143.5°	1.3	1.2	1.2	1.1	1.1
144°	1.3	1.2	1.3	1.1	1.2
144.5°	1.2	1.2	1.2	1.1	1.2
145°	1.2	1.2	1.2	1.1	1.2
145.5°	1.2	1.1	1.2	1.1	1.2
146°	1.2	1.1	1.1	1.1	1.2
146.5°	1.2	1.1	1.1	1.1	1.2
147°	1.2	1.1	1.1	1.1	1.1
147.5°	1.2	1.1	1.1	1.1	1.2
148°	1.2	1.1	1.1	1.1	1.2
148.5°	1.2	1.2	1.1	1.1	1.2
149°	1.2	1.1	1.1	1.1	1.2
149.5°	1.3	1.1	1.1	1.1	1.2
150°	1.2	1.2	1.1	1.1	1.2
150.5°	1.2	1.1	1.1	1.1	1.2
151°	1.3	1.1	1.1	1.1	1.3
151.5°	1.2	1.2	1.1	1.1	1.3
152°	1.3	1.2	1.1	1.2	1.2
152.5°	1.3	1.2	1.1	1.1	1.3
153°	1.2	1.2	1.1	1.2	1.3
153.5°	1.3	1.2	1.1	1.2	1.3
154°	1.3	1.2	1.2	1.2	1.3
154.5°	1.3	1.2	1.2	1.2	1.3
155°	1.2	1.2	1.2	1.2	1.3
155.5°	1.3	1.2	1.2	1.2	1.3
156°	1.2	1.2	1.2	1.2	1.3



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L950-CFR2

**CANDELA DISTRIBUTION (continued):**

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L950-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	1.3	1.3	1.3	1.3	1.3



Report Generated By 670246072 / DESKTOP-MV3F9LC







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







21.5°	1338.0	1336.4	1329.9	1323.7	1321.1
22°	1337.3	1335.7	1328.9	1322.7	1320.1



44°	1197.7	1192.8	1183.0	1177.2	1173.3
44.5°	1190.2	1185.0	1175.9	1169.7	1165.8



66.5°	639.7	637.1	632.2	630.6	629.0
67°	623.7	620.8	616.3	614.6	613.3



89°	9.5	9.3	9.2	9.7	9.9
89.5°	4.2	4.3	4.2	4.5	4.4



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





134°	1.7	1.6	1.6	1.6	1.7
134.5°	1.7	1.6	1.6	1.5	1.6



156.5°	1.3	1.2	1.2	1.2	1.3
157°	1.2	1.2	1.2	1.2	1.3



179°	1.4	1.4	1.3	1.3	1.4
179.5°	1.2	1.3	1.3	1.2	1.3



(END OF REPORT)