

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-L835-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-50-L835-CFD2  
Description: 5000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS  
AND 3500K CCT, 80CRI LEDS  
Light Source: -  
Ballast/Driver:  
Luminaire Equipment: Sample No.   Condition   Description

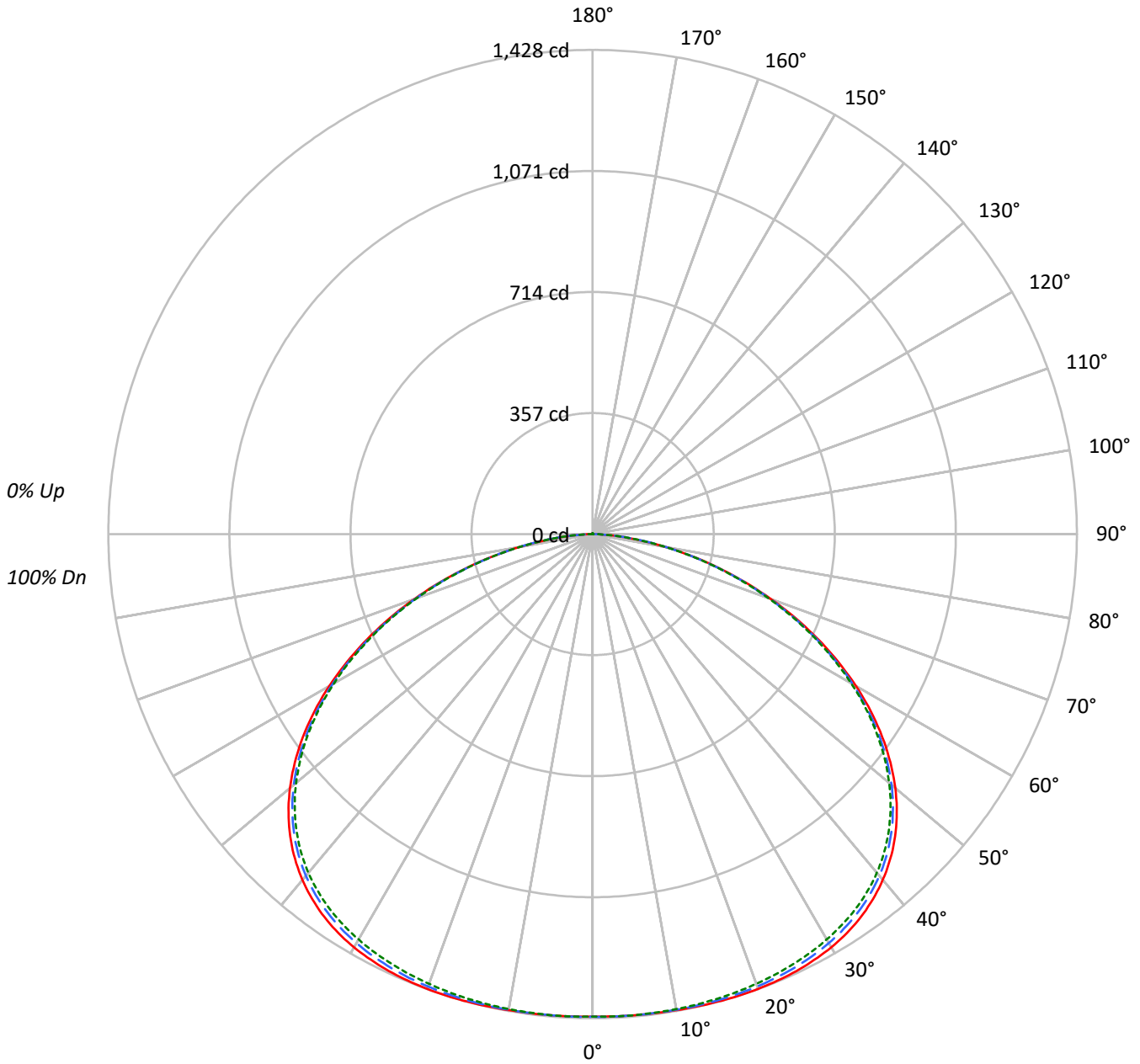
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5153.0 lumens  
Efficiency: N/A  
Efficacy: 132.1 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): 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





TEST NUMBER: P#

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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				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				100
1	108	103	99	95	105	101	97	93	97	93	90	93	90	87	89	87	85	82				82
2	98	89	82	76	95	87	81	75	84	78	73	80	76	71	77	73	70	68				68
3	89	78	69	62	86	76	68	62	73	66	60	70	64	59	67	63	58	56				56
4	81	68	59	52	78	67	58	52	64	57	51	62	55	50	60	54	49	47				47
5	74	61	51	44	72	59	51	44	57	49	43	55	48	43	53	47	42	40				40
6	68	54	45	38	66	53	44	38	51	43	38	50	43	37	48	42	37	35				35
7	63	49	40	33	61	48	39	33	46	39	33	45	38	33	43	37	32	30				30
8	58	44	36	29	57	44	35	29	42	35	29	41	34	29	40	33	29	27				27
9	54	41	32	26	53	40	32	26	39	31	26	38	31	26	37	30	26	24				24
10	51	37	29	24	50	37	29	24	36	28	23	35	28	23	34	28	23	21				21

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	1016	1016	1016
5°	1017	1015	1017
10°	1026	1022	1023
15°	1043	1035	1037
20°	1068	1055	1056
25°	1098	1081	1081
30°	1132	1109	1110
35°	1166	1139	1143
40°	1197	1166	1173
45°	1221	1185	1196
50°	1231	1192	1206
55°	1223	1179	1199
60°	1192	1144	1170
65°	1134	1084	1116
70°	1045	990	1028
75°	912	857	902
80°	724	672	718
85°	450	405	460



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	136.0	2.6
10°-20°	403.3	7.8
20°-30°	652.0	12.7
30°-40°	854.0	16.6
40°-50°	960.6	18.6
50°-60°	919.2	17.8
60°-70°	716.9	13.9
70°-80°	404.0	7.8
80°-90°	100.0	1.9
90°-100°	0.3	0.0
100°-110°	0.6	0.0
110°-120°	1.0	0.0
120°-130°	1.6	0.0
130°-140°	1.3	0.0
140°-150°	0.8	0.0
150°-160°	0.6	0.0
160°-170°	0.4	0.0
170°-180°	0.1	0.0
0°-30°	1191.4	23.1
0°-40°	2045.4	39.7
0°-60°	3925.3	76.2
0°-90°	5146.2	99.9
90°-120°	2.0	0.0
90°-150°	5.7	0.1
90°-180°	7.0	0.1
0°-180°	5153.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1423	1423	1423	1423	1423	
5°	1424	1425	1424	1424	1424	136
15°	1428	1427	1424	1421	1419	405
25°	1422	1419	1411	1403	1400	657
35°	1379	1374	1363	1354	1351	863
45°	1261	1256	1245	1240	1235	971
55°	1043	1037	1030	1025	1022	929
65°	733	731	725	723	722	724
75°	384	384	381	380	379	406
85°	82	83	84	84	84	95
90°	1	1	1	1	1	4
95°	0	0	0	0	0	0
105°	1	1	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°	1423.1	1423.1	1423.1	1423.1	1423.1
0.5°	1422.8	1423.8	1424.2	1423.8	1423.1
1°	1423.1	1423.8	1424.2	1424.2	1423.5
1.5°	1423.5	1424.2	1424.2	1424.2	1423.8
2°	1423.5	1424.2	1424.2	1424.5	1423.8
2.5°	1423.8	1424.5	1424.5	1424.5	1423.8
3°	1424.2	1424.5	1424.5	1424.5	1424.2
3.5°	1424.2	1424.5	1424.5	1424.5	1424.2
4°	1424.5	1424.5	1424.5	1424.5	1424.2
4.5°	1424.5	1424.8	1424.5	1424.5	1424.2
5°	1424.5	1424.8	1424.5	1424.5	1424.2
5.5°	1424.5	1424.8	1424.5	1424.5	1424.2
6°	1424.8	1424.8	1424.5	1424.5	1423.8
6.5°	1424.8	1425.2	1424.8	1424.5	1423.8
7°	1424.8	1425.2	1424.5	1424.5	1423.8
7.5°	1424.8	1425.2	1424.5	1424.2	1423.5
8°	1425.2	1425.2	1424.8	1424.2	1423.5
8.5°	1425.2	1425.5	1424.5	1424.2	1423.1
9°	1425.5	1425.5	1424.8	1423.8	1423.1
9.5°	1425.5	1425.9	1424.5	1423.8	1422.8
10°	1425.9	1425.9	1424.5	1423.5	1422.4
10.5°	1426.2	1426.2	1424.5	1423.5	1422.4
11°	1426.2	1426.2	1424.5	1423.1	1422.1
11.5°	1426.6	1426.6	1424.5	1422.8	1421.7
12°	1426.6	1426.6	1424.5	1422.8	1421.4
12.5°	1426.9	1426.6	1424.2	1422.4	1421.0
13°	1426.9	1426.6	1424.2	1422.1	1420.7
13.5°	1427.3	1426.9	1424.2	1421.7	1420.3
14°	1427.3	1426.9	1424.2	1421.4	1419.6
14.5°	1427.6	1426.9	1423.8	1421.0	1419.3
15°	1427.6	1427.3	1423.8	1420.7	1418.9
15.5°	1428.0	1427.3	1423.5	1420.0	1418.2
16°	1427.6	1427.3	1423.1	1419.6	1417.6
16.5°	1428.0	1427.3	1423.1	1418.9	1416.9
17°	1428.0	1426.9	1422.8	1418.2	1416.5
17.5°	1428.0	1426.9	1422.1	1417.9	1415.8
18°	1428.0	1426.9	1421.7	1417.2	1414.8
18.5°	1428.0	1426.6	1421.4	1416.5	1414.1
19°	1427.6	1426.6	1421.0	1415.8	1413.4
19.5°	1427.6	1426.2	1420.3	1414.8	1412.3
20°	1427.3	1425.9	1419.6	1414.1	1411.7
20.5°	1426.9	1425.5	1419.3	1413.4	1410.6
21°	1426.9	1425.2	1418.6	1412.3	1409.6



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	1425.5	1423.5	1416.2	1409.2	1406.1
23°	1424.8	1422.8	1415.1	1408.2	1405.1
23.5°	1424.2	1422.1	1414.1	1406.8	1403.7
24°	1423.5	1421.4	1413.0	1405.4	1402.3
24.5°	1422.8	1420.3	1412.0	1404.0	1400.9
25°	1421.7	1419.3	1410.6	1402.6	1399.5
25.5°	1420.7	1418.2	1409.2	1401.2	1397.8
26°	1419.6	1417.2	1407.8	1399.9	1396.4
26.5°	1418.6	1415.8	1406.4	1398.1	1394.6
27°	1417.2	1414.4	1404.7	1396.4	1392.9
27.5°	1415.8	1413.0	1403.0	1394.6	1391.2
28°	1414.4	1411.3	1401.2	1392.9	1389.4
28.5°	1412.7	1409.6	1399.5	1390.8	1387.4
29°	1411.0	1407.8	1397.4	1388.7	1385.3
29.5°	1409.2	1405.8	1395.3	1386.7	1382.8
30°	1407.1	1403.7	1392.9	1384.2	1380.4
30.5°	1405.1	1401.6	1390.5	1381.8	1378.3
31°	1402.6	1399.2	1388.1	1379.4	1375.6
31.5°	1400.5	1396.7	1385.3	1376.9	1373.1
32°	1397.8	1394.0	1382.8	1374.2	1370.3
32.5°	1395.0	1391.2	1379.7	1371.0	1367.2
33°	1392.2	1388.1	1376.6	1368.3	1364.1
33.5°	1389.1	1384.9	1373.5	1365.1	1361.0
34°	1385.6	1381.5	1370.0	1361.7	1357.9
34.5°	1382.2	1378.0	1366.5	1358.2	1354.4
35°	1378.7	1374.2	1362.7	1354.4	1350.6
35.5°	1374.9	1370.3	1358.9	1350.6	1346.7
36°	1371.0	1366.2	1354.7	1346.7	1342.6
36.5°	1366.5	1362.0	1350.6	1342.6	1338.8
37°	1362.0	1357.5	1346.1	1338.1	1334.3
37.5°	1357.5	1352.6	1341.5	1333.6	1329.4
38°	1352.6	1348.1	1336.7	1329.0	1324.9
38.5°	1347.8	1342.9	1331.5	1323.8	1320.0
39°	1342.6	1337.4	1326.3	1319.0	1314.8
39.5°	1337.0	1331.8	1321.1	1313.4	1309.6
40°	1331.1	1326.3	1315.2	1307.9	1304.1
40.5°	1325.6	1320.4	1309.3	1302.3	1298.2
41°	1319.3	1314.1	1303.4	1296.1	1291.9
41.5°	1312.7	1307.5	1296.8	1289.8	1285.7
42°	1306.1	1300.9	1290.2	1283.6	1279.1
42.5°	1299.2	1294.0	1283.2	1276.6	1272.5
43°	1292.3	1286.7	1276.3	1269.7	1265.5
43.5°	1285.0	1279.4	1269.0	1262.4	1258.2



TEST NUMBER: P#

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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	1261.0	1255.5	1245.4	1239.5	1235.0
45.5°	1252.7	1246.8	1237.1	1231.2	1227.0
46°	1244.0	1238.1	1228.4	1222.5	1218.3
46.5°	1235.0	1229.1	1219.7	1213.8	1209.6
47°	1225.6	1220.1	1210.3	1205.1	1200.6
47.5°	1216.2	1210.3	1201.0	1195.8	1191.2
48°	1206.9	1200.6	1191.6	1186.0	1181.5
48.5°	1196.8	1190.9	1181.9	1176.7	1172.5
49°	1186.0	1180.5	1171.5	1165.9	1162.1
49.5°	1175.6	1170.1	1161.0	1155.8	1151.7
50°	1164.9	1159.0	1150.6	1145.4	1141.3
50.5°	1153.8	1147.9	1139.5	1134.3	1130.5
51°	1142.7	1136.8	1128.4	1123.2	1119.0
51.5°	1130.9	1125.0	1116.6	1111.8	1107.9
52°	1119.0	1113.1	1104.8	1100.3	1096.5
52.5°	1107.2	1101.3	1093.0	1088.2	1084.7
53°	1094.4	1088.9	1081.2	1076.7	1072.9
53.5°	1081.6	1076.0	1068.4	1063.9	1060.4
54°	1068.7	1063.2	1055.5	1051.0	1047.9
54.5°	1056.2	1050.3	1043.0	1038.5	1035.4
55°	1042.7	1037.1	1029.8	1025.3	1022.2
55.5°	1029.2	1023.6	1016.3	1011.8	1009.0
56°	1014.9	1009.7	1002.4	998.6	995.8
56.5°	1000.7	995.8	988.5	984.7	981.9
57°	986.8	981.6	974.7	971.2	968.4
57.5°	972.9	967.4	960.4	957.0	954.2
58°	957.6	952.4	945.8	942.4	939.9
58.5°	942.7	937.9	930.9	927.8	925.4
59°	927.8	922.9	916.3	913.2	910.8
59.5°	912.2	907.7	901.1	897.9	895.5
60°	896.9	892.0	885.8	883.0	880.6
60.5°	881.3	877.1	870.5	867.7	865.3
61°	865.3	861.2	854.9	852.1	849.7
61.5°	849.0	845.5	839.3	836.5	834.4
62°	833.0	829.6	823.3	820.9	818.8
62.5°	816.7	813.3	807.0	804.6	802.5
63°	800.4	796.9	791.0	788.6	786.5
63.5°	783.8	780.3	774.7	772.3	770.2
64°	767.1	763.6	757.7	756.0	753.6
64.5°	750.4	747.0	741.1	739.3	737.2
65°	733.4	730.6	725.1	723.0	721.6
65.5°	716.8	713.3	708.1	706.3	704.3
66°	699.1	696.3	691.1	689.3	688.0





TEST NUMBER: P#

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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	647.7	644.6	640.1	638.3	636.6
68°	630.0	627.2	622.7	621.3	619.6
68.5°	612.3	609.5	605.0	604.0	602.9
69°	594.6	591.8	588.0	586.9	585.6
69.5°	577.2	574.5	571.0	569.9	568.2
70°	559.5	557.1	553.6	552.6	550.8
70.5°	541.8	539.4	536.3	535.2	533.5
71°	524.1	522.0	519.3	517.9	516.1
71.5°	506.8	504.7	501.6	500.5	499.1
72°	489.1	487.3	484.2	483.5	481.8
72.5°	471.4	470.0	466.8	466.2	464.8
73°	453.7	452.3	449.1	448.5	447.4
73.5°	436.3	434.9	432.1	431.1	430.1
74°	418.9	417.9	415.1	414.4	413.0
74.5°	401.2	400.6	398.1	397.1	396.0
75°	383.5	383.5	381.1	380.4	379.4
75.5°	366.5	366.5	364.1	363.4	362.4
76°	349.5	349.5	347.1	346.4	345.1
76.5°	332.3	332.5	330.4	329.7	328.6
77°	315.9	316.0	314.2	313.3	312.1
77.5°	298.3	299.1	297.6	296.8	295.6
78°	281.9	282.9	281.4	280.7	279.7
78.5°	266.4	267.1	266.1	265.3	263.9
79°	250.2	250.7	250.1	249.4	248.0
79.5°	234.2	235.1	234.6	234.0	232.5
80°	218.9	219.5	219.6	218.7	217.3
80.5°	202.8	204.1	204.3	203.4	202.6
81°	187.9	189.1	189.5	188.9	188.0
81.5°	173.3	174.7	175.0	174.7	173.4
82°	158.6	160.3	160.8	160.6	159.2
82.5°	144.6	146.5	147.1	146.9	145.6
83°	131.0	133.1	133.6	133.8	132.6
83.5°	117.8	119.8	120.5	120.7	119.4
84°	105.2	107.0	107.8	108.2	107.1
84.5°	93.2	94.6	95.6	96.1	95.6
85°	81.8	82.9	83.8	84.4	83.7
85.5°	70.9	71.7	72.4	73.4	72.8
86°	60.7	61.5	62.0	62.8	62.8
86.5°	51.0	51.3	51.7	52.6	52.6
87°	41.7	41.7	41.8	43.0	43.0
87.5°	32.1	32.4	32.6	33.6	33.9
88°	22.7	23.5	23.7	24.6	24.5
88.5°	16.0	16.0	16.0	16.9	17.1



TEST NUMBER: P#

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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	0.8	0.7	0.8	0.8	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°	0.5	0.4	0.4	0.4	0.5
98.5°	0.5	0.4	0.3	0.3	0.4
99°	0.4	0.4	0.4	0.3	0.4
99.5°	0.5	0.3	0.4	0.4	0.4
100°	0.5	0.4	0.4	0.4	0.5
100.5°	0.5	0.5	0.4	0.5	0.5
101°	0.5	0.4	0.4	0.4	0.4
101.5°	0.5	0.4	0.5	0.5	0.5
102°	0.6	0.5	0.5	0.5	0.5
102.5°	0.5	0.5	0.5	0.5	0.5
103°	0.5	0.4	0.5	0.5	0.5
103.5°	0.5	0.5	0.5	0.5	0.5
104°	0.6	0.5	0.5	0.5	0.5
104.5°	0.5	0.6	0.6	0.6	0.5
105°	0.6	0.6	0.5	0.6	0.6
105.5°	0.6	0.5	0.6	0.5	0.5
106°	0.6	0.6	0.6	0.6	0.6
106.5°	0.6	0.6	0.6	0.6	0.5
107°	0.6	0.6	0.6	0.6	0.6
107.5°	0.7	0.6	0.6	0.7	0.6
108°	0.7	0.6	0.6	0.7	0.6
108.5°	0.7	0.7	0.7	0.6	0.6
109°	0.7	0.7	0.7	0.7	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	0.8
111°	0.7	0.8	0.8	0.8	0.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L835-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	0.8	0.9	0.9	0.9	0.8
113°	0.9	0.8	0.8	0.9	0.9
113.5°	0.9	0.9	0.9	1.0	1.0
114°	1.0	1.0	1.0	1.0	1.0
114.5°	1.0	1.0	1.0	1.0	0.9
115°	1.0	1.0	1.0	1.0	1.0
115.5°	1.1	1.0	1.1	1.1	1.0
116°	1.1	1.1	1.1	1.1	1.1
116.5°	1.2	1.2	1.2	1.2	1.1
117°	1.2	1.2	1.2	1.2	1.1
117.5°	1.3	1.2	1.3	1.2	1.2
118°	1.3	1.3	1.4	1.3	1.2
118.5°	1.4	1.4	1.4	1.3	1.3
119°	1.4	1.4	1.5	1.4	1.4
119.5°	1.5	1.5	1.5	1.4	1.4
120°	1.5	1.5	1.5	1.5	1.5
120.5°	1.6	1.5	1.6	1.5	1.5
121°	1.6	1.6	1.6	1.6	1.5
121.5°	1.7	1.7	1.6	1.6	1.6
122°	1.6	1.7	1.7	1.6	1.7
122.5°	1.8	1.7	1.7	1.7	1.6
123°	1.8	1.8	1.7	1.7	1.7
123.5°	1.8	1.9	1.8	1.7	1.8
124°	1.8	1.9	1.8	1.8	1.8
124.5°	1.9	1.9	1.8	1.8	1.8
125°	2.0	1.9	1.9	1.9	1.9
125.5°	2.0	2.0	1.9	1.9	1.9
126°	2.0	1.9	1.9	1.9	1.9
126.5°	1.9	2.0	2.0	1.9	1.9
127°	2.0	2.0	1.9	1.9	1.9
127.5°	2.1	2.0	2.0	1.9	1.9
128°	2.1	2.0	2.0	1.9	1.9
128.5°	2.0	2.0	1.9	1.9	1.9
129°	2.0	2.0	1.9	1.9	1.9
129.5°	1.9	2.0	1.9	1.9	1.9
130°	1.9	2.0	1.9	1.8	1.9
130.5°	2.0	1.9	1.9	1.8	1.9
131°	1.9	1.9	1.9	1.8	1.8
131.5°	1.9	1.9	1.8	1.8	1.8
132°	1.9	1.8	1.8	1.8	1.8
132.5°	1.9	1.8	1.8	1.8	1.8
133°	1.8	1.8	1.8	1.7	1.7
133.5°	1.9	1.8	1.7	1.6	1.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L835-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	1.8	1.7	1.6	1.6	1.7
135.5°	1.7	1.7	1.6	1.6	1.7
136°	1.7	1.6	1.6	1.5	1.7
136.5°	1.7	1.6	1.6	1.5	1.6
137°	1.7	1.6	1.6	1.5	1.6
137.5°	1.6	1.6	1.5	1.4	1.5
138°	1.6	1.5	1.5	1.4	1.5
138.5°	1.6	1.5	1.5	1.4	1.5
139°	1.4	1.5	1.5	1.3	1.5
139.5°	1.5	1.4	1.4	1.4	1.5
140°	1.5	1.4	1.4	1.3	1.4
140.5°	1.5	1.4	1.4	1.3	1.4
141°	1.4	1.4	1.4	1.2	1.3
141.5°	1.3	1.4	1.4	1.2	1.3
142°	1.3	1.3	1.4	1.3	1.2
142.5°	1.3	1.4	1.3	1.2	1.2
143°	1.4	1.3	1.3	1.3	1.2
143.5°	1.4	1.3	1.3	1.2	1.2
144°	1.4	1.2	1.4	1.2	1.2
144.5°	1.3	1.2	1.3	1.2	1.2
145°	1.3	1.2	1.3	1.1	1.2
145.5°	1.3	1.2	1.2	1.1	1.3
146°	1.3	1.2	1.2	1.1	1.2
146.5°	1.3	1.2	1.2	1.1	1.2
147°	1.3	1.2	1.1	1.2	1.2
147.5°	1.2	1.2	1.1	1.2	1.3
148°	1.3	1.2	1.2	1.1	1.3
148.5°	1.3	1.2	1.2	1.1	1.3
149°	1.3	1.2	1.2	1.1	1.3
149.5°	1.4	1.2	1.2	1.1	1.3
150°	1.3	1.2	1.2	1.1	1.3
150.5°	1.3	1.2	1.2	1.2	1.3
151°	1.4	1.2	1.1	1.2	1.4
151.5°	1.3	1.2	1.1	1.2	1.4
152°	1.4	1.2	1.2	1.2	1.3
152.5°	1.4	1.3	1.2	1.2	1.4
153°	1.3	1.2	1.2	1.3	1.4
153.5°	1.4	1.3	1.2	1.2	1.4
154°	1.4	1.3	1.2	1.2	1.4
154.5°	1.4	1.2	1.2	1.3	1.4
155°	1.3	1.3	1.3	1.3	1.4
155.5°	1.4	1.2	1.2	1.3	1.4
156°	1.3	1.3	1.3	1.3	1.4



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L835-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
157.5°	1.3	1.2	1.2	1.3	1.4
158°	1.4	1.3	1.2	1.3	1.4
158.5°	1.3	1.3	1.2	1.3	1.4
159°	1.4	1.3	1.2	1.3	1.4
159.5°	1.3	1.2	1.2	1.3	1.5
160°	1.3	1.3	1.2	1.3	1.4
160.5°	1.3	1.2	1.2	1.3	1.4
161°	1.3	1.2	1.2	1.3	1.4
161.5°	1.3	1.3	1.2	1.2	1.3
162°	1.3	1.2	1.3	1.3	1.3
162.5°	1.4	1.3	1.3	1.3	1.4
163°	1.4	1.3	1.3	1.3	1.3
163.5°	1.3	1.3	1.3	1.3	1.4
164°	1.3	1.3	1.3	1.4	1.4
164.5°	1.2	1.4	1.3	1.4	1.4
165°	1.3	1.3	1.2	1.4	1.4
165.5°	1.2	1.3	1.2	1.5	1.4
166°	1.3	1.3	1.3	1.4	1.4
166.5°	1.3	1.3	1.2	1.4	1.3
167°	1.3	1.4	1.3	1.5	1.4
167.5°	1.3	1.4	1.3	1.5	1.4
168°	1.4	1.4	1.3	1.5	1.4
168.5°	1.3	1.4	1.4	1.6	1.4
169°	1.4	1.4	1.3	1.6	1.4
169.5°	1.4	1.4	1.3	1.5	1.5
170°	1.4	1.4	1.4	1.6	1.4
170.5°	1.4	1.5	1.4	1.6	1.5
171°	1.4	1.4	1.4	1.6	1.5
171.5°	1.4	1.4	1.4	1.6	1.5
172°	1.4	1.4	1.5	1.6	1.5
172.5°	1.5	1.5	1.5	1.6	1.5
173°	1.4	1.4	1.5	1.6	1.5
173.5°	1.5	1.5	1.5	1.6	1.6
174°	1.5	1.5	1.6	1.6	1.5
174.5°	1.5	1.6	1.6	1.7	1.6
175°	1.6	1.6	1.6	1.7	1.6
175.5°	1.6	1.6	1.7	1.6	1.6
176°	1.7	1.7	1.6	1.6	1.6
176.5°	1.7	1.6	1.7	1.5	1.6
177°	1.7	1.6	1.6	1.5	1.6
177.5°	1.7	1.6	1.5	1.5	1.6
178°	1.6	1.6	1.5	1.5	1.5
178.5°	1.6	1.5	1.5	1.5	1.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L835-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	1.4	1.4	1.4	1.4	1.4



Report Generated By 670246072 / DESKTOP-MV3F9LC







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







21.5°	1426.6	1424.8	1417.9	1411.3	1408.5
22°	1425.9	1424.2	1416.9	1410.3	1407.5



44°	1277.0	1271.8	1261.4	1255.1	1250.9
44.5°	1269.0	1263.4	1253.7	1247.1	1243.0



66.5°	682.1	679.3	674.1	672.3	670.6
67°	665.0	661.9	657.1	655.3	653.9



89°	10.1	10.0	9.9	10.4	10.5
89.5°	4.5	4.5	4.4	4.8	4.7



111.5°	0.9	0.8	0.8	0.8	0.8
112°	0.9	0.8	0.8	0.8	0.9





134°	1.8	1.7	1.7	1.7	1.8
134.5°	1.8	1.7	1.7	1.6	1.7



156.5°	1.4	1.2	1.3	1.3	1.4
157°	1.3	1.2	1.3	1.3	1.4



179°	1.5	1.5	1.4	1.4	1.5
179.5°	1.3	1.4	1.4	1.3	1.4



(END OF REPORT)