

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-L850-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-L850-CFD2  
Description: 5000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS  
AND 5000K CCT, 80CRI LEDS  
Light Source: -  
Ballast/Driver:  
Luminaire Equipment: Sample No. Condition Description

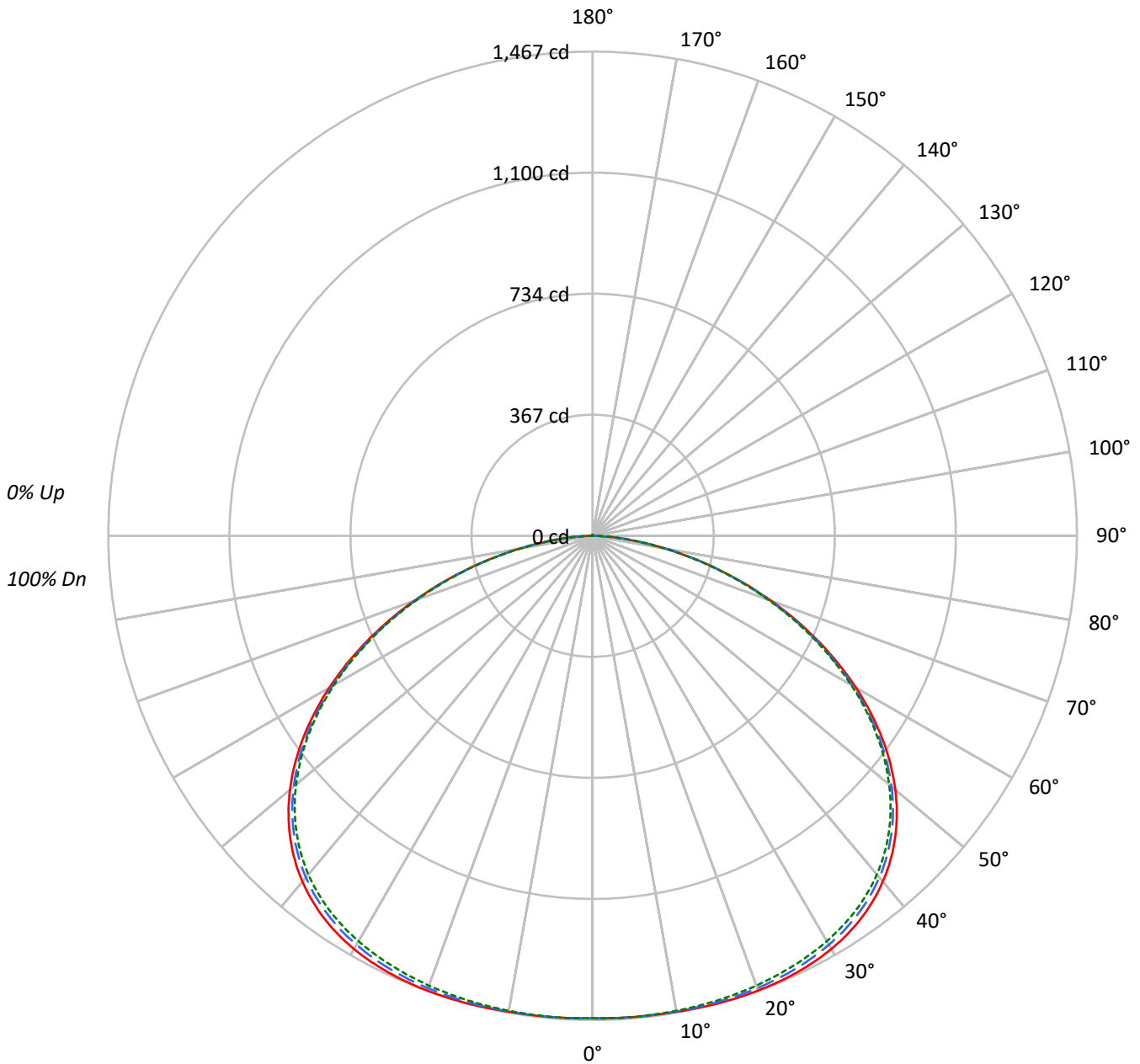
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5294.0 lumens  
Efficiency: N/A  
Efficacy: 135.7 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

TEST NUMBER: P#  
CATALOG NUMBER: 44ID-50-L850-CFD2

### 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°	1044	1044	1044
5°	1045	1043	1045
10°	1054	1050	1051
15°	1072	1064	1065
20°	1097	1084	1085
25°	1128	1110	1110
30°	1163	1140	1141
35°	1198	1170	1174
40°	1230	1198	1205
45°	1254	1218	1228
50°	1264	1224	1239
55°	1256	1212	1232
60°	1225	1176	1202
65°	1166	1113	1147
70°	1073	1018	1057
75°	937	880	927
80°	744	690	738
85°	462	416	473



TEST NUMBER: P#

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	139.7	2.6
10°-20°	414.4	7.8
20°-30°	669.9	12.7
30°-40°	877.4	16.6
40°-50°	986.9	18.6
50°-60°	944.4	17.8
60°-70°	736.5	13.9
70°-80°	415.1	7.8
80°-90°	102.7	1.9
90°-100°	0.4	0.0
100°-110°	0.6	0.0
110°-120°	1.1	0.0
120°-130°	1.7	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°	1224.0	23.1
0°-40°	2101.4	39.7
0°-60°	4032.7	76.2
0°-90°	5287.0	99.9
90°-120°	2.0	0.0
90°-150°	5.9	0.1
90°-180°	7.0	0.1
0°-180°	5294.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1462	1462	1462	1462	1462	
5°	1464	1464	1464	1464	1463	140
15°	1467	1466	1463	1460	1458	416
25°	1461	1458	1449	1441	1438	675
35°	1416	1412	1400	1391	1388	887
45°	1296	1290	1280	1273	1269	998
55°	1071	1066	1058	1053	1050	955
65°	754	751	745	743	741	744
75°	394	394	392	391	390	418
85°	84	85	86	87	86	97
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	2	1
165°	1	1	1	1	1	0
175°	2	2	2	2	2	0
180°	1	1	1	1	1	



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L850-CFD2

**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1462.0	1462.0	1462.0	1462.0	1462.0
0.5°	1461.7	1462.8	1463.1	1462.8	1462.0
1°	1462.0	1462.8	1463.1	1463.1	1462.4
1.5°	1462.4	1463.1	1463.1	1463.1	1462.8
2°	1462.4	1463.1	1463.1	1463.5	1462.8
2.5°	1462.8	1463.5	1463.5	1463.5	1462.8
3°	1463.1	1463.5	1463.5	1463.5	1463.1
3.5°	1463.1	1463.5	1463.5	1463.5	1463.1
4°	1463.5	1463.5	1463.5	1463.5	1463.1
4.5°	1463.5	1463.8	1463.5	1463.5	1463.1
5°	1463.5	1463.8	1463.5	1463.5	1463.1
5.5°	1463.5	1463.8	1463.5	1463.5	1463.1
6°	1463.8	1463.8	1463.5	1463.5	1462.8
6.5°	1463.8	1464.2	1463.8	1463.5	1462.8
7°	1463.8	1464.2	1463.5	1463.5	1462.8
7.5°	1463.8	1464.2	1463.5	1463.1	1462.4
8°	1464.2	1464.2	1463.8	1463.1	1462.4
8.5°	1464.2	1464.5	1463.5	1463.1	1462.0
9°	1464.5	1464.5	1463.8	1462.8	1462.0
9.5°	1464.5	1464.9	1463.5	1462.8	1461.7
10°	1464.9	1464.9	1463.5	1462.4	1461.3
10.5°	1465.3	1465.3	1463.5	1462.4	1461.3
11°	1465.3	1465.3	1463.5	1462.0	1461.0
11.5°	1465.6	1465.6	1463.5	1461.7	1460.6
12°	1465.6	1465.6	1463.5	1461.7	1460.3
12.5°	1466.0	1465.6	1463.1	1461.3	1459.9
13°	1466.0	1465.6	1463.1	1461.0	1459.6
13.5°	1466.3	1466.0	1463.1	1460.6	1459.2
14°	1466.3	1466.0	1463.1	1460.3	1458.5
14.5°	1466.7	1466.0	1462.8	1459.9	1458.1
15°	1466.7	1466.3	1462.8	1459.6	1457.8
15.5°	1467.0	1466.3	1462.4	1458.8	1457.1
16°	1466.7	1466.3	1462.0	1458.5	1456.3
16.5°	1467.0	1466.3	1462.0	1457.8	1455.6
17°	1467.0	1466.0	1461.7	1457.1	1455.3
17.5°	1467.0	1466.0	1461.0	1456.7	1454.6
18°	1467.0	1466.0	1460.6	1456.0	1453.5
18.5°	1467.0	1465.6	1460.3	1455.3	1452.8
19°	1466.7	1465.6	1459.9	1454.6	1452.1
19.5°	1466.7	1465.3	1459.2	1453.5	1451.0
20°	1466.3	1464.9	1458.5	1452.8	1450.3
20.5°	1466.0	1464.5	1458.1	1452.1	1449.2
21°	1466.0	1464.2	1457.4	1451.0	1448.1



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L850-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	1464.5	1462.4	1454.9	1447.8	1444.6
23°	1463.8	1461.7	1453.8	1446.7	1443.5
23.5°	1463.1	1461.0	1452.8	1445.3	1442.1
24°	1462.4	1460.3	1451.7	1443.9	1440.7
24.5°	1461.7	1459.2	1450.6	1442.4	1439.2
25°	1460.6	1458.1	1449.2	1441.0	1437.8
25.5°	1459.6	1457.1	1447.8	1439.6	1436.0
26°	1458.5	1456.0	1446.4	1438.2	1434.6
26.5°	1457.4	1454.6	1444.9	1436.4	1432.8
27°	1456.0	1453.1	1443.1	1434.6	1431.0
27.5°	1454.6	1451.7	1441.4	1432.8	1429.2
28°	1453.1	1449.9	1439.6	1431.0	1427.5
28.5°	1451.4	1448.1	1437.8	1428.9	1425.3
29°	1449.6	1446.4	1435.7	1426.7	1423.2
29.5°	1447.8	1444.2	1433.5	1424.6	1420.7
30°	1445.6	1442.1	1431.0	1422.1	1418.2
30.5°	1443.5	1439.9	1428.5	1419.6	1416.0
31°	1441.0	1437.4	1426.0	1417.1	1413.2
31.5°	1438.9	1434.9	1423.2	1414.6	1410.7
32°	1436.0	1432.1	1420.7	1411.8	1407.8
32.5°	1433.2	1429.2	1417.5	1408.6	1404.6
33°	1430.3	1426.0	1414.3	1405.7	1401.4
33.5°	1427.1	1422.8	1411.1	1402.5	1398.2
34°	1423.5	1419.3	1407.5	1398.9	1395.0
34.5°	1420.0	1415.7	1403.9	1395.4	1391.4
35°	1416.4	1411.8	1400.0	1391.4	1387.5
35.5°	1412.5	1407.8	1396.1	1387.5	1383.6
36°	1408.6	1403.6	1391.8	1383.6	1379.3
36.5°	1403.9	1399.3	1387.5	1379.3	1375.4
37°	1399.3	1394.7	1382.9	1374.7	1370.8
37.5°	1394.7	1389.7	1378.2	1370.0	1365.8
38°	1389.7	1385.0	1373.3	1365.4	1361.1
38.5°	1384.7	1379.7	1367.9	1360.1	1356.1
39°	1379.3	1374.0	1362.6	1355.1	1350.8
39.5°	1373.6	1368.3	1357.2	1349.4	1345.4
40°	1367.6	1362.6	1351.1	1343.7	1339.7
40.5°	1361.8	1356.5	1345.1	1338.0	1333.7
41°	1355.4	1350.1	1339.0	1331.5	1327.3
41.5°	1348.7	1343.3	1332.2	1325.1	1320.8
42°	1341.9	1336.5	1325.5	1318.7	1314.1
42.5°	1334.7	1329.4	1318.3	1311.6	1307.3
43°	1327.6	1321.9	1311.2	1304.4	1300.2
43.5°	1320.1	1314.4	1303.7	1296.9	1292.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L850-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	1295.5	1289.8	1279.5	1273.4	1268.8
45.5°	1287.0	1280.9	1270.9	1264.9	1260.6
46°	1278.0	1272.0	1262.0	1255.9	1251.7
46.5°	1268.8	1262.7	1253.1	1247.0	1242.7
47°	1259.1	1253.4	1243.5	1238.1	1233.5
47.5°	1249.5	1243.5	1233.8	1228.5	1223.8
48°	1239.9	1233.5	1224.2	1218.5	1213.9
48.5°	1229.5	1223.5	1214.2	1208.9	1204.6
49°	1218.5	1212.8	1203.5	1197.8	1193.9
49.5°	1207.8	1202.1	1192.8	1187.5	1183.2
50°	1196.7	1190.7	1182.1	1176.8	1172.5
50.5°	1185.3	1179.3	1170.7	1165.4	1161.4
51°	1173.9	1167.9	1159.3	1153.9	1149.7
51.5°	1161.8	1155.7	1147.2	1142.2	1138.3
52°	1149.7	1143.6	1135.0	1130.4	1126.5
52.5°	1137.5	1131.5	1122.9	1117.9	1114.4
53°	1124.4	1118.6	1110.8	1106.2	1102.2
53.5°	1111.2	1105.5	1097.6	1093.0	1089.4
54°	1098.0	1092.3	1084.4	1079.8	1076.6
54.5°	1085.1	1079.1	1071.6	1066.9	1063.7
55°	1071.2	1065.5	1058.0	1053.4	1050.2
55.5°	1057.3	1051.6	1044.1	1039.5	1036.6
56°	1042.7	1037.3	1029.9	1025.9	1023.1
56.5°	1028.1	1023.1	1015.6	1011.7	1008.8
57°	1013.8	1008.5	1001.3	997.8	994.9
57.5°	999.5	993.8	986.7	983.1	980.3
58°	983.9	978.5	971.7	968.2	965.7
58.5°	968.5	963.5	956.4	953.2	950.7
59°	953.2	948.2	941.4	938.2	935.7
59.5°	937.1	932.5	925.7	922.5	920.0
60°	921.4	916.5	910.0	907.2	904.7
60.5°	905.4	901.1	894.3	891.5	889.0
61°	889.0	884.7	878.3	875.4	873.0
61.5°	872.2	868.7	862.3	859.4	857.3
62°	855.8	852.3	845.8	843.4	841.2
62.5°	839.1	835.5	829.1	826.6	824.5
63°	822.3	818.7	812.7	810.2	808.0
63.5°	805.2	801.6	795.9	793.4	791.3
64°	788.1	784.5	778.5	776.7	774.2
64.5°	771.0	767.4	761.3	759.6	757.4
65°	753.5	750.6	744.9	742.8	741.4
65.5°	736.4	732.8	727.5	725.7	723.5
66°	718.2	715.3	710.0	708.2	706.8





TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L850-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	665.4	662.2	657.6	655.8	654.0
68°	647.2	644.4	639.7	638.3	636.5
68.5°	629.0	626.2	621.5	620.5	619.4
69°	610.9	608.0	604.1	603.0	601.6
69.5°	593.0	590.2	586.6	585.5	583.7
70°	574.8	572.3	568.8	567.7	565.9
70.5°	556.6	554.2	550.9	549.9	548.1
71°	538.5	536.3	533.5	532.0	530.3
71.5°	520.6	518.5	515.3	514.2	512.8
72°	502.4	500.7	497.5	496.7	495.0
72.5°	484.3	482.8	479.6	478.9	477.5
73°	466.1	464.6	461.4	460.7	459.7
73.5°	448.2	446.8	444.0	442.9	441.8
74°	430.4	429.3	426.5	425.8	424.4
74.5°	412.2	411.5	409.0	407.9	406.9
75°	394.0	394.0	391.5	390.8	389.8
75.5°	376.6	376.6	374.1	373.4	372.3
76°	359.1	359.1	356.6	355.9	354.5
76.5°	341.4	341.6	339.5	338.7	337.6
77°	324.5	324.7	322.8	321.8	320.7
77.5°	306.5	307.3	305.7	304.9	303.7
78°	289.6	290.7	289.1	288.4	287.4
78.5°	273.7	274.4	273.3	272.5	271.1
79°	257.0	257.6	256.9	256.2	254.8
79.5°	240.6	241.5	241.1	240.4	238.8
80°	224.9	225.5	225.7	224.7	223.2
80.5°	208.4	209.7	209.9	208.9	208.2
81°	193.1	194.3	194.7	194.1	193.1
81.5°	178.0	179.5	179.8	179.5	178.2
82°	162.9	164.7	165.2	165.0	163.6
82.5°	148.5	150.5	151.1	150.9	149.6
83°	134.5	136.7	137.3	137.4	136.2
83.5°	121.0	123.1	123.8	124.0	122.7
84°	108.0	109.9	110.8	111.1	110.0
84.5°	95.7	97.2	98.2	98.7	98.2
85°	84.1	85.2	86.1	86.8	86.0
85.5°	72.8	73.7	74.4	75.4	74.8
86°	62.3	63.2	63.7	64.5	64.5
86.5°	52.3	52.7	53.1	54.1	54.1
87°	42.8	42.8	43.0	44.1	44.2
87.5°	33.0	33.3	33.4	34.5	34.8
88°	23.3	24.1	24.3	25.3	25.2
88.5°	16.5	16.5	16.4	17.4	17.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L850-CFD2

**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	0.4
94.5°	0.3	0.3	0.3	0.3	0.3
95°	0.3	0.2	0.3	0.3	0.4
95.5°	0.3	0.3	0.4	0.3	0.4
96°	0.4	0.4	0.3	0.3	0.4
96.5°	0.4	0.4	0.4	0.3	0.4
97°	0.4	0.4	0.4	0.3	0.4
97.5°	0.4	0.4	0.4	0.3	0.4
98°	0.5	0.4	0.4	0.4	0.5
98.5°	0.5	0.4	0.4	0.4	0.4
99°	0.4	0.4	0.4	0.4	0.4
99.5°	0.5	0.4	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-L850-CFD2

**CANDELA DISTRIBUTION (continued):**

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L850-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	1.9	1.7	1.7	1.6	1.8
135.5°	1.7	1.8	1.7	1.6	1.7
136°	1.7	1.7	1.6	1.5	1.7
136.5°	1.7	1.7	1.6	1.5	1.7
137°	1.7	1.6	1.6	1.5	1.6
137.5°	1.7	1.6	1.6	1.5	1.6
138°	1.6	1.6	1.5	1.5	1.6
138.5°	1.7	1.6	1.5	1.4	1.5
139°	1.5	1.5	1.5	1.4	1.6
139.5°	1.6	1.5	1.4	1.4	1.5
140°	1.5	1.4	1.5	1.4	1.4
140.5°	1.5	1.4	1.4	1.4	1.4
141°	1.5	1.4	1.4	1.3	1.4
141.5°	1.4	1.4	1.4	1.3	1.4
142°	1.3	1.3	1.4	1.3	1.2
142.5°	1.3	1.4	1.4	1.3	1.2
143°	1.4	1.4	1.4	1.3	1.2
143.5°	1.4	1.4	1.4	1.2	1.2
144°	1.4	1.3	1.4	1.2	1.3
144.5°	1.3	1.3	1.3	1.2	1.3
145°	1.4	1.3	1.3	1.2	1.3
145.5°	1.3	1.2	1.3	1.2	1.4
146°	1.3	1.2	1.2	1.2	1.3
146.5°	1.4	1.2	1.2	1.2	1.3
147°	1.3	1.2	1.2	1.2	1.2
147.5°	1.3	1.2	1.2	1.2	1.3
148°	1.3	1.2	1.2	1.2	1.3
148.5°	1.4	1.3	1.2	1.2	1.3
149°	1.3	1.2	1.2	1.2	1.3
149.5°	1.4	1.2	1.2	1.2	1.4
150°	1.4	1.3	1.2	1.2	1.3
150.5°	1.3	1.2	1.2	1.2	1.3
151°	1.4	1.2	1.2	1.2	1.4
151.5°	1.4	1.3	1.2	1.2	1.4
152°	1.4	1.3	1.2	1.3	1.3
152.5°	1.4	1.3	1.2	1.2	1.4
153°	1.4	1.3	1.2	1.3	1.4
153.5°	1.5	1.3	1.2	1.3	1.4
154°	1.4	1.3	1.3	1.3	1.4
154.5°	1.4	1.3	1.3	1.4	1.4
155°	1.3	1.3	1.3	1.4	1.5
155.5°	1.4	1.3	1.3	1.3	1.4
156°	1.3	1.3	1.3	1.3	1.4



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L850-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
157.5°	1.3	1.2	1.3	1.4	1.4
158°	1.4	1.3	1.3	1.3	1.4
158.5°	1.4	1.3	1.2	1.3	1.4
159°	1.4	1.3	1.3	1.3	1.5
159.5°	1.4	1.3	1.3	1.3	1.5
160°	1.4	1.3	1.2	1.3	1.4
160.5°	1.3	1.3	1.3	1.4	1.4
161°	1.3	1.3	1.3	1.4	1.4
161.5°	1.4	1.3	1.3	1.3	1.4
162°	1.3	1.3	1.3	1.4	1.4
162.5°	1.4	1.4	1.3	1.3	1.4
163°	1.4	1.3	1.4	1.4	1.4
163.5°	1.4	1.3	1.4	1.4	1.5
164°	1.3	1.4	1.3	1.4	1.4
164.5°	1.3	1.4	1.4	1.4	1.5
165°	1.3	1.3	1.3	1.4	1.4
165.5°	1.2	1.3	1.3	1.5	1.4
166°	1.4	1.4	1.3	1.4	1.4
166.5°	1.4	1.3	1.3	1.5	1.3
167°	1.3	1.4	1.3	1.5	1.5
167.5°	1.4	1.4	1.4	1.5	1.5
168°	1.4	1.4	1.3	1.5	1.4
168.5°	1.4	1.5	1.4	1.6	1.5
169°	1.5	1.4	1.3	1.6	1.5
169.5°	1.4	1.4	1.4	1.6	1.5
170°	1.5	1.4	1.4	1.6	1.5
170.5°	1.5	1.5	1.4	1.6	1.5
171°	1.5	1.5	1.5	1.6	1.6
171.5°	1.4	1.5	1.5	1.6	1.5
172°	1.4	1.5	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	1.6
173.5°	1.5	1.5	1.6	1.6	1.6
174°	1.6	1.6	1.7	1.6	1.6
174.5°	1.6	1.6	1.6	1.7	1.6
175°	1.7	1.6	1.7	1.7	1.6
175.5°	1.7	1.6	1.7	1.7	1.7
176°	1.7	1.7	1.7	1.6	1.6
176.5°	1.8	1.7	1.7	1.6	1.6
177°	1.7	1.7	1.6	1.6	1.6
177.5°	1.7	1.7	1.6	1.5	1.7
178°	1.6	1.6	1.5	1.5	1.6
178.5°	1.6	1.6	1.5	1.5	1.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L850-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°	1465.6	1463.8	1456.7	1449.9	1447.1
22°	1464.9	1463.1	1455.6	1448.9	1446.0



44°	1311.9	1306.6	1295.9	1289.5	1285.2
44.5°	1303.7	1298.0	1288.0	1281.3	1277.0



66.5°	700.7	697.9	692.5	690.7	688.9
67°	683.2	680.0	675.0	673.3	671.8



89°	10.4	10.2	10.1	10.7	10.8
89.5°	4.6	4.7	4.6	4.9	4.8



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	1.8	1.7	1.7	1.8
134.5°	1.9	1.7	1.7	1.6	1.7



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



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



(END OF REPORT)