

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-L830-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-L830-CFR2  
Description: 5000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS  
AND 3000K CCT, 80CRI LEDS  
Light Source: -  
Ballast/Driver:  
Luminaire Equipment: Sample No.   Condition   Description

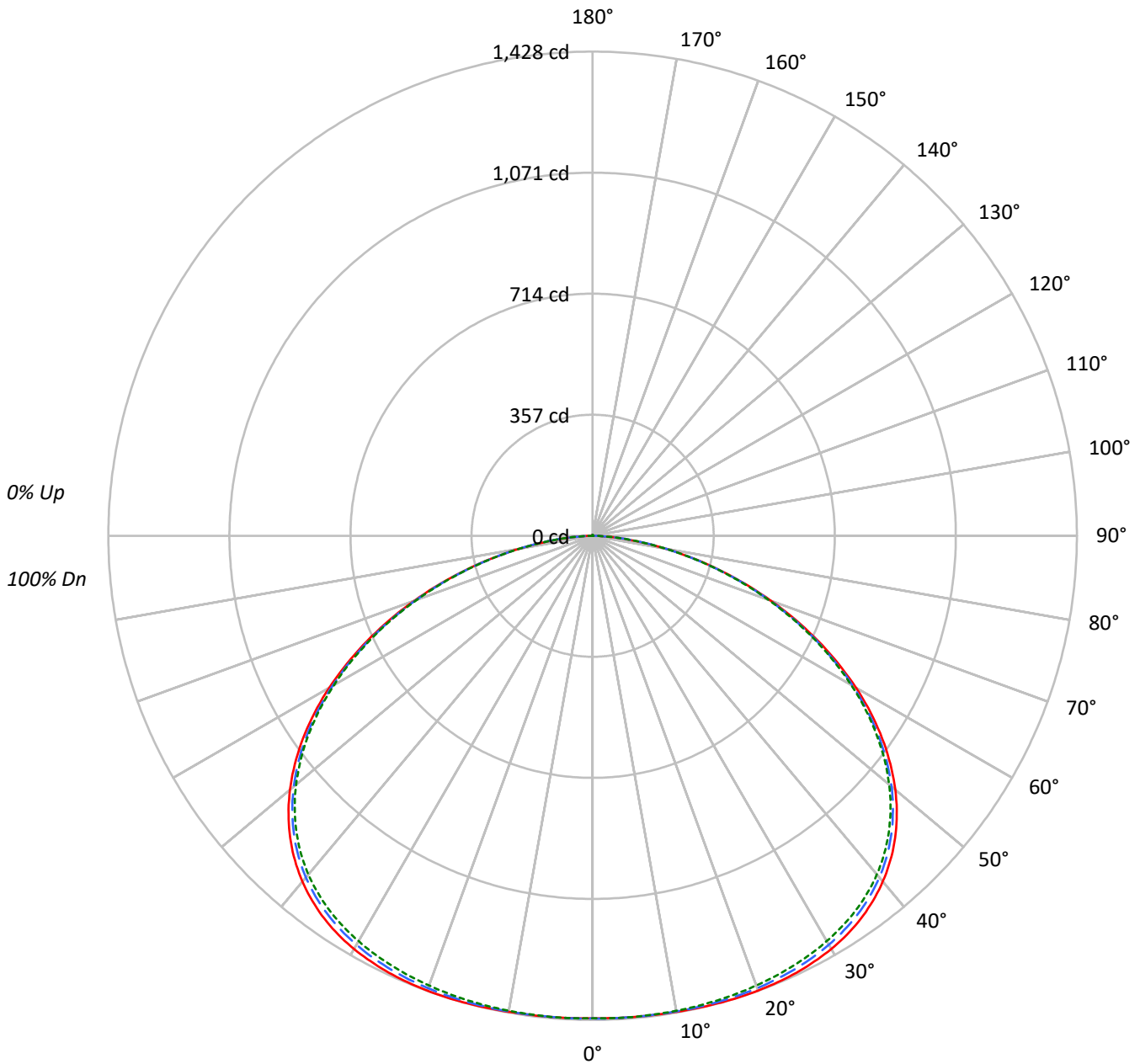
**Summary**

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 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					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°	1016	1016	1016
5°	1021	1021	1021
10°	1034	1033	1031
15°	1055	1052	1049
20°	1084	1078	1072
25°	1120	1111	1102
30°	1160	1148	1138
35°	1202	1188	1177
40°	1240	1226	1215
45°	1273	1257	1247
50°	1294	1278	1268
55°	1298	1282	1272
60°	1281	1265	1257
65°	1239	1225	1219
70°	1168	1156	1150
75°	1058	1051	1046
80°	900	903	893
85°	670	686	686



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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



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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





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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



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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-L830-CFR2

**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-L830-CFR2

**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-L830-CFR2

**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-L830-CFR2

**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)