

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-L840-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-L840-CFR2  
Description: 5000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS  
AND 4000K CCT, 80CRI LEDS  
Light Source: -  
Ballast/Driver:  
Luminaire Equipment: Sample No. Condition Description

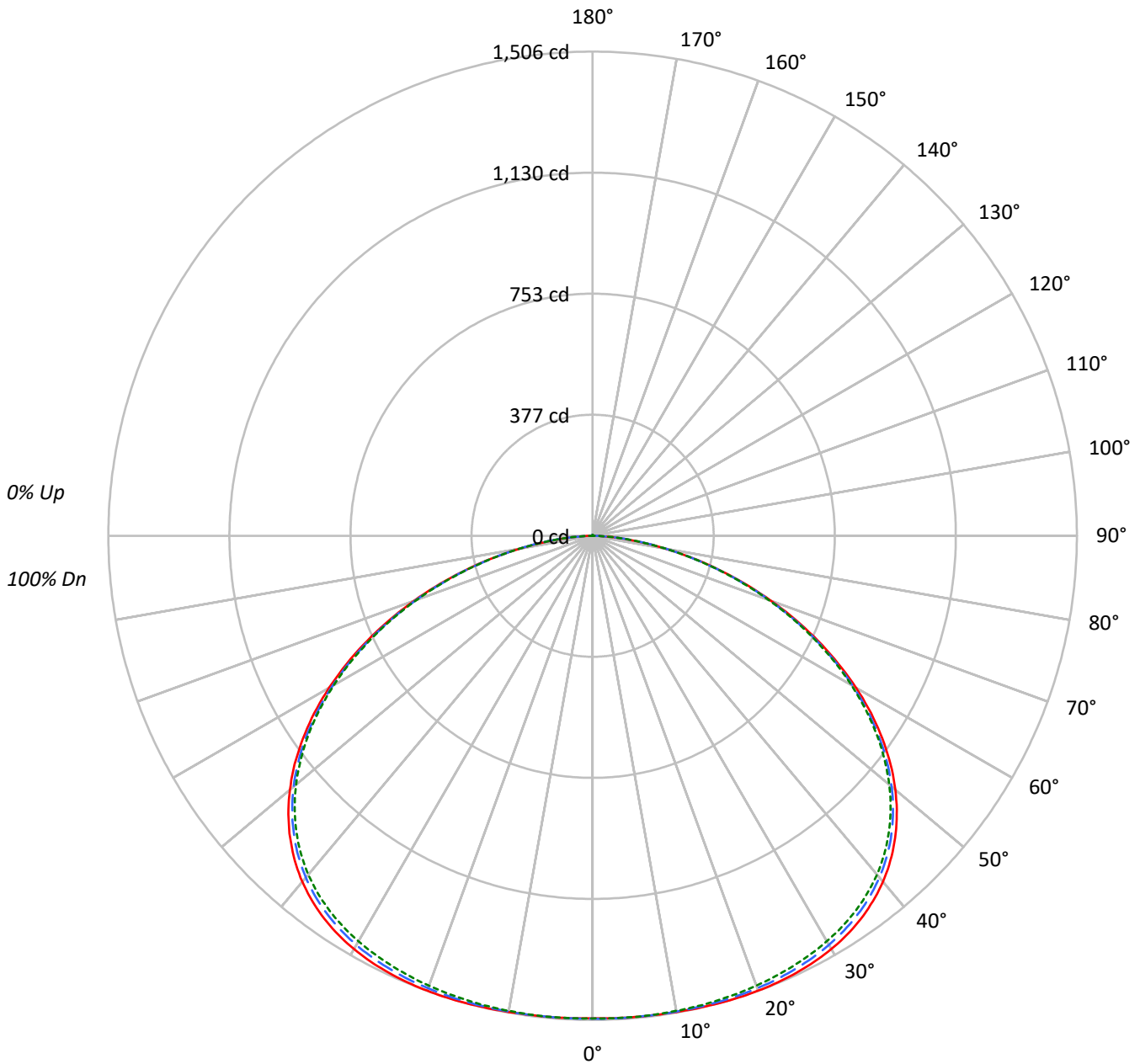
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5436.0 lumens  
Efficiency: N/A  
Efficacy: 139.4 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°	1072	1072	1072
5°	1077	1077	1077
10°	1090	1089	1088
15°	1113	1110	1106
20°	1144	1138	1131
25°	1181	1172	1163
30°	1224	1211	1200
35°	1268	1253	1242
40°	1309	1293	1282
45°	1343	1326	1315
50°	1365	1348	1337
55°	1369	1352	1342
60°	1351	1334	1326
65°	1307	1292	1286
70°	1232	1219	1213
75°	1116	1109	1104
80°	949	953	942
85°	707	724	723



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	143.4	2.6
10°-20°	425.5	7.8
20°-30°	687.8	12.7
30°-40°	900.9	16.6
40°-50°	1013.4	18.6
50°-60°	969.7	17.8
60°-70°	756.3	13.9
70°-80°	426.2	7.8
80°-90°	105.5	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°	1.4	0.0
140°-150°	0.8	0.0
150°-160°	0.6	0.0
160°-170°	0.4	0.0
170°-180°	0.2	0.0
0°-30°	1256.8	23.1
0°-40°	2157.7	39.7
0°-60°	4140.8	76.2
0°-90°	5428.8	99.9
90°-120°	2.1	0.0
90°-150°	6.0	0.1
90°-180°	7.0	0.1
0°-180°	5436.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1501	1501	1501	1501	1501	
5°	1503	1503	1503	1503	1502	143
15°	1506	1506	1502	1499	1497	427
25°	1500	1497	1488	1480	1476	693
35°	1454	1450	1438	1429	1425	911
45°	1330	1324	1314	1308	1303	1025
55°	1100	1094	1086	1082	1078	980
65°	774	771	765	763	761	764
75°	405	405	402	401	400	429
85°	86	87	88	89	88	100
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	2	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°	1501.3	1501.3	1501.3	1501.3	1501.3
0.5°	1500.9	1502.0	1502.4	1502.0	1501.3
1°	1501.3	1502.0	1502.4	1502.4	1501.6
1.5°	1501.6	1502.4	1502.4	1502.4	1502.0
2°	1501.6	1502.4	1502.4	1502.7	1502.0
2.5°	1502.0	1502.7	1502.7	1502.7	1502.0
3°	1502.4	1502.7	1502.7	1502.7	1502.4
3.5°	1502.4	1502.7	1502.7	1502.7	1502.4
4°	1502.7	1502.7	1502.7	1502.7	1502.4
4.5°	1502.7	1503.1	1502.7	1502.7	1502.4
5°	1502.7	1503.1	1502.7	1502.7	1502.4
5.5°	1502.7	1503.1	1502.7	1502.7	1502.4
6°	1503.1	1503.1	1502.7	1502.7	1502.0
6.5°	1503.1	1503.5	1503.1	1502.7	1502.0
7°	1503.1	1503.5	1502.7	1502.7	1502.0
7.5°	1503.1	1503.5	1502.7	1502.4	1501.6
8°	1503.5	1503.5	1503.1	1502.4	1501.6
8.5°	1503.5	1503.8	1502.7	1502.4	1501.3
9°	1503.8	1503.8	1503.1	1502.0	1501.3
9.5°	1503.8	1504.2	1502.7	1502.0	1500.9
10°	1504.2	1504.2	1502.7	1501.6	1500.5
10.5°	1504.6	1504.6	1502.7	1501.6	1500.5
11°	1504.6	1504.6	1502.7	1501.3	1500.2
11.5°	1504.9	1504.9	1502.7	1500.9	1499.8
12°	1504.9	1504.9	1502.7	1500.9	1499.4
12.5°	1505.3	1504.9	1502.4	1500.5	1499.1
13°	1505.3	1504.9	1502.4	1500.2	1498.7
13.5°	1505.7	1505.3	1502.4	1499.8	1498.3
14°	1505.7	1505.3	1502.4	1499.4	1497.6
14.5°	1506.0	1505.3	1502.0	1499.1	1497.2
15°	1506.0	1505.7	1502.0	1498.7	1496.9
15.5°	1506.4	1505.7	1501.6	1498.0	1496.1
16°	1506.0	1505.7	1501.3	1497.6	1495.4
16.5°	1506.4	1505.7	1501.3	1496.9	1494.7
17°	1506.4	1505.3	1500.9	1496.1	1494.3
17.5°	1506.4	1505.3	1500.2	1495.8	1493.6
18°	1506.4	1505.3	1499.8	1495.0	1492.5
18.5°	1506.4	1504.9	1499.4	1494.3	1491.7
19°	1506.0	1504.9	1499.1	1493.6	1491.0
19.5°	1506.0	1504.6	1498.3	1492.5	1489.9
20°	1505.7	1504.2	1497.6	1491.7	1489.2
20.5°	1505.3	1503.8	1497.2	1491.0	1488.1
21°	1505.3	1503.5	1496.5	1489.9	1487.0



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	1503.8	1501.6	1493.9	1486.6	1483.3
23°	1503.1	1500.9	1492.8	1485.5	1482.2
23.5°	1502.4	1500.2	1491.7	1484.1	1480.8
24°	1501.6	1499.4	1490.6	1482.6	1479.3
24.5°	1500.9	1498.3	1489.5	1481.1	1477.8
25°	1499.8	1497.2	1488.1	1479.7	1476.4
25.5°	1498.7	1496.1	1486.6	1478.2	1474.5
26°	1497.6	1495.0	1485.2	1476.7	1473.1
26.5°	1496.5	1493.6	1483.7	1474.9	1471.2
27°	1495.0	1492.1	1481.9	1473.1	1469.4
27.5°	1493.6	1490.6	1480.0	1471.2	1467.6
28°	1492.1	1488.8	1478.2	1469.4	1465.7
28.5°	1490.3	1487.0	1476.4	1467.2	1463.6
29°	1488.4	1485.2	1474.2	1465.0	1461.4
29.5°	1486.6	1483.0	1472.0	1462.8	1458.8
30°	1484.4	1480.8	1469.4	1460.3	1456.2
30.5°	1482.2	1478.6	1466.8	1457.7	1454.0
31°	1479.7	1476.0	1464.3	1455.1	1451.1
31.5°	1477.5	1473.4	1461.4	1452.6	1448.5
32°	1474.5	1470.5	1458.8	1449.6	1445.6
32.5°	1471.6	1467.6	1455.5	1446.3	1442.3
33°	1468.7	1464.3	1452.2	1443.4	1439.0
33.5°	1465.4	1461.0	1448.9	1440.1	1435.7
34°	1461.7	1457.3	1445.2	1436.5	1432.4
34.5°	1458.1	1453.7	1441.6	1432.8	1428.8
35°	1454.4	1449.6	1437.6	1428.8	1424.7
35.5°	1450.4	1445.6	1433.5	1424.7	1420.7
36°	1446.3	1441.2	1429.1	1420.7	1416.3
36.5°	1441.6	1436.8	1424.7	1416.3	1412.3
37°	1436.8	1432.1	1420.0	1411.6	1407.5
37.5°	1432.1	1426.9	1415.2	1406.8	1402.4
38°	1426.9	1422.2	1410.1	1402.0	1397.6
38.5°	1421.8	1416.7	1404.6	1396.5	1392.5
39°	1416.3	1410.8	1399.1	1391.4	1387.0
39.5°	1410.5	1405.0	1393.6	1385.6	1381.5
40°	1404.2	1399.1	1387.4	1379.7	1375.7
40.5°	1398.4	1392.9	1381.2	1373.8	1369.4
41°	1391.8	1386.3	1374.9	1367.2	1362.9
41.5°	1384.8	1379.3	1368.0	1360.7	1356.3
42°	1377.9	1372.4	1361.0	1354.1	1349.3
42.5°	1370.5	1365.1	1353.7	1346.7	1342.4
43°	1363.2	1357.4	1346.4	1339.4	1335.0
43.5°	1355.5	1349.7	1338.7	1331.7	1327.3



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	1330.3	1324.4	1313.8	1307.6	1302.8
45.5°	1321.5	1315.3	1305.0	1298.8	1294.4
46°	1312.3	1306.1	1295.8	1289.6	1285.2
46.5°	1302.8	1296.6	1286.7	1280.5	1276.1
47°	1292.9	1287.1	1276.8	1271.3	1266.6
47.5°	1283.0	1276.8	1266.9	1261.4	1256.7
48°	1273.1	1266.6	1257.0	1251.2	1246.4
48.5°	1262.5	1256.3	1246.8	1241.3	1236.9
49°	1251.2	1245.3	1235.8	1229.9	1225.9
49.5°	1240.2	1234.3	1224.8	1219.3	1214.9
50°	1228.8	1222.6	1213.8	1208.3	1203.9
50.5°	1217.1	1210.9	1202.1	1196.6	1192.6
51°	1205.4	1199.2	1190.4	1184.9	1180.5
51.5°	1193.0	1186.7	1177.9	1172.8	1168.8
52°	1180.5	1174.3	1165.5	1160.7	1156.7
52.5°	1168.1	1161.8	1153.0	1147.9	1144.3
53°	1154.5	1148.7	1140.6	1135.8	1131.8
53.5°	1141.0	1135.1	1127.0	1122.3	1118.6
54°	1127.4	1121.6	1113.5	1108.7	1105.4
54.5°	1114.2	1108.0	1100.3	1095.6	1092.3
55°	1100.0	1094.1	1086.4	1081.6	1078.3
55.5°	1085.7	1079.8	1072.1	1067.4	1064.4
56°	1070.7	1065.2	1057.5	1053.4	1050.5
56.5°	1055.6	1050.5	1042.8	1038.8	1035.9
57°	1041.0	1035.5	1028.2	1024.5	1021.6
57.5°	1026.4	1020.5	1013.2	1009.5	1006.6
58°	1010.2	1004.7	997.8	994.1	991.6
58.5°	994.5	989.4	982.0	978.8	976.2
59°	978.8	973.6	966.7	963.4	960.8
59.5°	962.3	957.5	950.6	947.3	944.7
60°	946.2	941.0	934.4	931.5	929.0
60.5°	929.7	925.3	918.3	915.4	912.8
61°	912.8	908.4	901.9	898.9	896.4
61.5°	895.6	892.0	885.4	882.5	880.3
62°	878.8	875.1	868.5	866.0	863.8
62.5°	861.6	857.9	851.3	848.8	846.6
63°	844.4	840.7	834.5	831.9	829.7
63.5°	826.8	823.1	817.3	814.7	812.5
64°	809.2	805.6	799.3	797.5	794.9
64.5°	791.6	788.0	781.8	779.9	777.7
65°	773.7	770.8	764.9	762.7	761.3
65.5°	756.1	752.5	747.0	745.1	742.9
66°	737.5	734.5	729.0	727.2	725.7





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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	683.3	680.0	675.2	673.4	671.5
68°	664.6	661.7	656.9	655.4	653.6
68.5°	645.9	643.0	638.2	637.1	636.0
69°	627.2	624.3	620.3	619.2	617.7
69.5°	608.9	606.0	602.3	601.2	599.4
70°	590.3	587.7	584.0	582.9	581.1
70.5°	571.6	569.0	565.7	564.6	562.8
71°	552.9	550.7	547.8	546.3	544.5
71.5°	534.6	532.4	529.1	528.0	526.5
72°	515.9	514.1	510.8	510.1	508.2
72.5°	497.2	495.8	492.5	491.8	490.3
73°	478.6	477.1	473.8	473.1	472.0
73.5°	460.3	458.8	455.9	454.8	453.7
74°	442.0	440.9	437.9	437.2	435.7
74.5°	423.3	422.6	420.0	418.9	417.8
75°	404.6	404.6	402.0	401.3	400.2
75.5°	386.7	386.7	384.1	383.4	382.3
76°	368.7	368.7	366.2	365.5	364.0
76.5°	350.6	350.7	348.6	347.8	346.6
77°	333.2	333.4	331.5	330.5	329.3
77.5°	314.7	315.6	313.9	313.1	311.9
78°	297.4	298.5	296.8	296.1	295.1
78.5°	281.0	281.7	280.7	279.8	278.4
79°	263.9	264.5	263.8	263.1	261.7
79.5°	247.1	248.0	247.5	246.9	245.3
80°	230.9	231.6	231.7	230.7	229.2
80.5°	213.9	215.3	215.5	214.5	213.8
81°	198.2	199.5	199.9	199.3	198.3
81.5°	182.8	184.3	184.6	184.3	183.0
82°	167.3	169.1	169.7	169.4	168.0
82.5°	152.5	154.6	155.1	154.9	153.6
83°	138.2	140.4	140.9	141.1	139.9
83.5°	124.3	126.4	127.1	127.3	126.0
84°	110.9	112.9	113.7	114.1	113.0
84.5°	98.3	99.8	100.9	101.4	100.8
85°	86.3	87.4	88.4	89.1	88.3
85.5°	74.8	75.6	76.4	77.4	76.8
86°	64.0	64.9	65.4	66.2	66.2
86.5°	53.8	54.2	54.6	55.5	55.5
87°	43.9	44.0	44.1	45.3	45.4
87.5°	33.9	34.2	34.3	35.4	35.8
88°	23.9	24.8	25.0	26.0	25.9
88.5°	16.9	16.9	16.9	17.9	18.1



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	0.8	0.8	0.8	0.8	0.8
90.5°	0.3	0.2	0.3	0.3	0.3
91°	0.3	0.2	0.2	0.3	0.2
91.5°	0.3	0.3	0.3	0.2	0.2
92°	0.3	0.3	0.3	0.3	0.3
92.5°	0.3	0.3	0.3	0.3	0.3
93°	0.3	0.3	0.3	0.3	0.2
93.5°	0.3	0.3	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	0.3	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°	0.7	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	0.7
106.5°	0.7	0.6	0.6	0.6	0.5
107°	0.6	0.6	0.7	0.7	0.6
107.5°	0.7	0.6	0.7	0.7	0.7
108°	0.7	0.6	0.6	0.7	0.6
108.5°	0.7	0.7	0.7	0.7	0.6
109°	0.7	0.7	0.7	0.7	0.7
109.5°	0.8	0.7	0.8	0.7	0.7
110°	0.7	0.7	0.7	0.8	0.7
110.5°	0.8	0.7	0.8	0.8	0.8
111°	0.8	0.8	0.8	0.8	0.8



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L840-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	0.9	0.9	1.0	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	1.1	1.1	1.0
114.5°	1.1	1.1	1.1	1.1	1.0
115°	1.1	1.1	1.1	1.1	1.1
115.5°	1.2	1.1	1.2	1.1	1.1
116°	1.2	1.2	1.2	1.2	1.1
116.5°	1.2	1.2	1.2	1.2	1.2
117°	1.3	1.3	1.3	1.3	1.2
117.5°	1.4	1.3	1.4	1.3	1.2
118°	1.4	1.4	1.4	1.4	1.3
118.5°	1.5	1.4	1.4	1.4	1.4
119°	1.5	1.5	1.5	1.4	1.4
119.5°	1.5	1.5	1.5	1.5	1.5
120°	1.6	1.6	1.6	1.5	1.6
120.5°	1.6	1.6	1.6	1.6	1.6
121°	1.6	1.6	1.6	1.6	1.6
121.5°	1.8	1.8	1.7	1.6	1.6
122°	1.7	1.8	1.8	1.7	1.8
122.5°	1.9	1.8	1.8	1.8	1.7
123°	1.9	1.9	1.8	1.8	1.8
123.5°	1.9	2.0	1.9	1.8	1.9
124°	1.9	2.0	1.9	1.9	1.9
124.5°	2.1	2.0	1.9	1.9	1.9
125°	2.1	2.1	2.0	2.0	2.0
125.5°	2.1	2.1	2.0	2.0	2.0
126°	2.1	2.1	2.0	2.0	2.0
126.5°	2.1	2.1	2.1	2.0	2.1
127°	2.1	2.1	2.1	2.0	2.0
127.5°	2.2	2.2	2.1	2.0	2.0
128°	2.2	2.1	2.1	2.0	2.1
128.5°	2.1	2.1	2.1	2.0	2.1
129°	2.1	2.1	2.1	2.0	2.0
129.5°	2.1	2.1	2.1	2.0	2.0
130°	2.1	2.1	2.0	1.9	2.0
130.5°	2.1	2.1	2.1	1.9	2.0
131°	2.0	2.0	2.0	1.9	1.9
131.5°	2.1	2.0	1.9	1.9	1.9
132°	2.0	1.9	1.9	1.9	1.9
132.5°	2.0	1.9	1.9	1.9	1.9
133°	1.9	1.9	1.9	1.8	1.8
133.5°	2.0	1.9	1.8	1.7	1.8



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L840-CFR2

**CANDELA DISTRIBUTION (continued):**

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L840-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
157.5°	1.4	1.3	1.3	1.4	1.4
158°	1.5	1.4	1.3	1.4	1.5
158.5°	1.4	1.4	1.3	1.4	1.4
159°	1.4	1.4	1.3	1.4	1.5
159.5°	1.4	1.3	1.3	1.4	1.5
160°	1.4	1.4	1.3	1.4	1.5
160.5°	1.4	1.3	1.3	1.4	1.5
161°	1.4	1.3	1.3	1.4	1.5
161.5°	1.4	1.4	1.3	1.3	1.4
162°	1.4	1.3	1.4	1.4	1.4
162.5°	1.4	1.4	1.4	1.4	1.4
163°	1.4	1.4	1.4	1.4	1.4
163.5°	1.4	1.4	1.4	1.4	1.5
164°	1.4	1.4	1.4	1.5	1.5
164.5°	1.3	1.4	1.4	1.5	1.5
165°	1.4	1.4	1.3	1.4	1.5
165.5°	1.3	1.4	1.3	1.5	1.5
166°	1.4	1.4	1.4	1.5	1.4
166.5°	1.4	1.4	1.3	1.5	1.4
167°	1.4	1.5	1.4	1.5	1.5
167.5°	1.4	1.5	1.4	1.6	1.5
168°	1.4	1.4	1.4	1.5	1.5
168.5°	1.4	1.5	1.4	1.6	1.5
169°	1.5	1.5	1.4	1.6	1.5
169.5°	1.5	1.5	1.4	1.6	1.5
170°	1.5	1.5	1.4	1.6	1.5
170.5°	1.5	1.5	1.4	1.6	1.6
171°	1.5	1.5	1.5	1.6	1.6
171.5°	1.5	1.5	1.5	1.7	1.5
172°	1.5	1.5	1.5	1.7	1.6
172.5°	1.5	1.5	1.6	1.7	1.6
173°	1.5	1.5	1.6	1.7	1.6
173.5°	1.6	1.5	1.6	1.6	1.6
174°	1.6	1.6	1.7	1.7	1.6
174.5°	1.6	1.7	1.7	1.8	1.7
175°	1.7	1.7	1.7	1.8	1.6
175.5°	1.7	1.7	1.8	1.7	1.7
176°	1.8	1.8	1.7	1.7	1.7
176.5°	1.8	1.7	1.8	1.6	1.7
177°	1.8	1.7	1.6	1.6	1.7
177.5°	1.8	1.7	1.6	1.6	1.7
178°	1.7	1.6	1.6	1.6	1.6
178.5°	1.6	1.6	1.5	1.5	1.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L840-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°	1504.9	1503.1	1495.8	1488.8	1485.9
22°	1504.2	1502.4	1494.7	1487.7	1484.8



44°	1347.1	1341.6	1330.6	1324.0	1319.6
44.5°	1338.7	1332.8	1322.6	1315.6	1311.2



66.5°	719.5	716.6	711.1	709.3	707.4
67°	701.6	698.3	693.1	691.3	689.8



89°	10.7	10.5	10.4	10.9	11.1
89.5°	4.7	4.8	4.7	5.0	4.9



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





134°	1.9	1.8	1.8	1.8	1.9
134.5°	1.9	1.8	1.8	1.7	1.8



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



179°	1.6	1.5	1.5	1.5	1.6
179.5°	1.4	1.5	1.4	1.4	1.5



(END OF REPORT)