

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-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-L835-CFR2
Description: 5000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS
AND 3500K CCT, 80CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

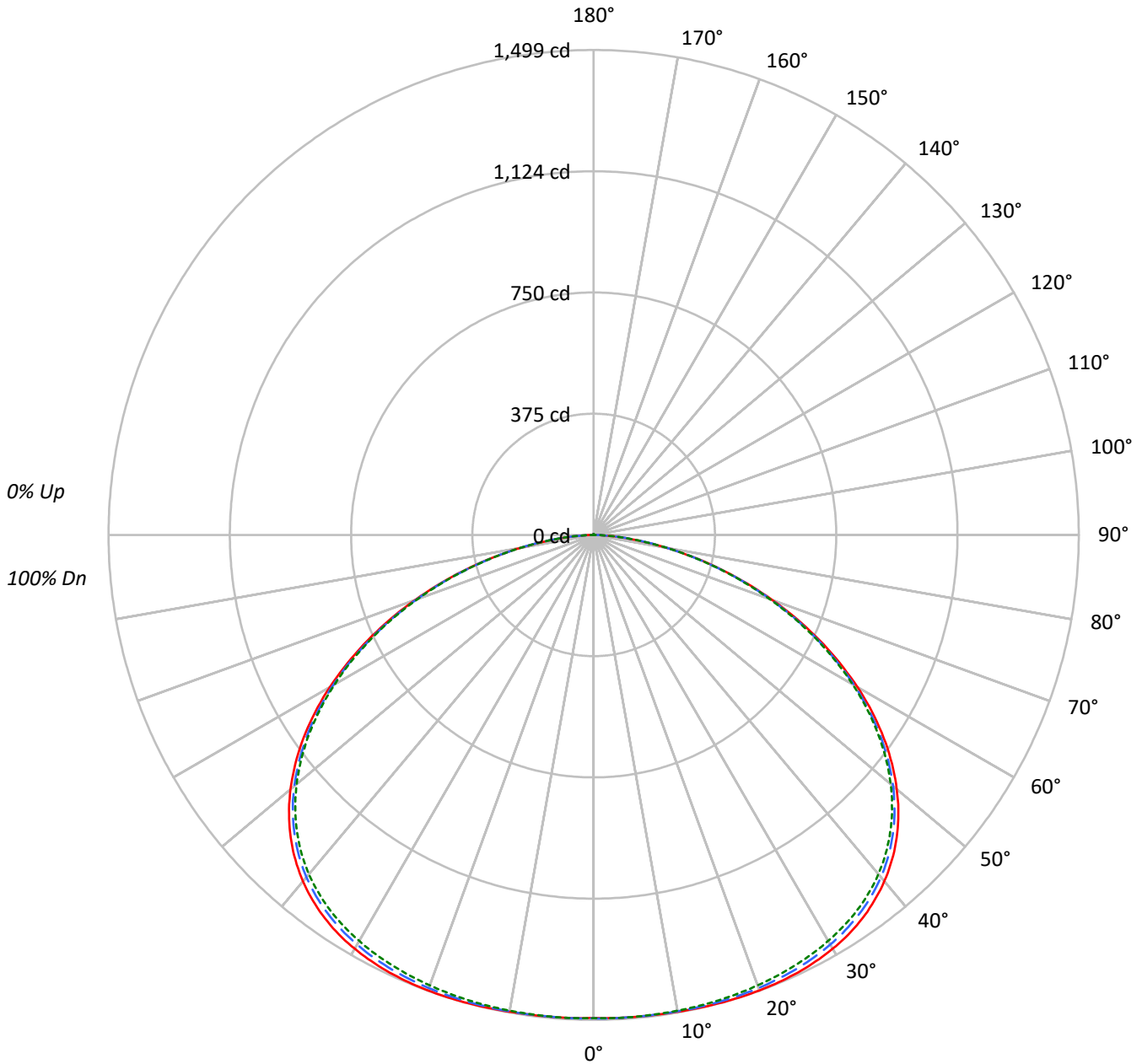
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5409.0 lumens
Efficiency: N/A
Efficacy: 138.7 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 (A_{in}): 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°	1066	1066	1066
5°	1072	1072	1071
10°	1085	1084	1082
15°	1108	1105	1101
20°	1138	1132	1126
25°	1176	1166	1157
30°	1218	1205	1194
35°	1261	1247	1236
40°	1302	1287	1276
45°	1336	1320	1309
50°	1358	1341	1331
55°	1362	1345	1336
60°	1344	1328	1320
65°	1301	1286	1280
70°	1226	1213	1207
75°	1110	1103	1098
80°	945	948	938
85°	704	721	720



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	142.7	2.6
10°-20°	423.4	7.8
20°-30°	684.4	12.7
30°-40°	896.5	16.6
40°-50°	1008.4	18.6
50°-60°	964.9	17.8
60°-70°	752.5	13.9
70°-80°	424.1	7.8
80°-90°	104.9	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°	1250.6	23.1
0°-40°	2147.0	39.7
0°-60°	4120.3	76.2
0°-90°	5401.9	99.9
90°-120°	2.1	0.0
90°-150°	6.0	0.1
90°-180°	7.0	0.1
0°-180°	5409.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1494	1494	1494	1494	1494	
5°	1495	1496	1495	1495	1495	143
15°	1498	1498	1494	1491	1489	425
25°	1492	1490	1481	1472	1469	690
35°	1447	1442	1430	1422	1418	906
45°	1324	1318	1307	1301	1296	1020
55°	1094	1089	1081	1076	1073	976
65°	770	767	761	759	758	760
75°	403	403	400	399	398	427
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°	1493.8	1493.8	1493.8	1493.8	1493.8
0.5°	1493.4	1494.5	1494.9	1494.5	1493.8
1°	1493.8	1494.5	1494.9	1494.9	1494.2
1.5°	1494.2	1494.9	1494.9	1494.9	1494.5
2°	1494.2	1494.9	1494.9	1495.3	1494.5
2.5°	1494.5	1495.3	1495.3	1495.3	1494.5
3°	1494.9	1495.3	1495.3	1495.3	1494.9
3.5°	1494.9	1495.3	1495.3	1495.3	1494.9
4°	1495.3	1495.3	1495.3	1495.3	1494.9
4.5°	1495.3	1495.6	1495.3	1495.3	1494.9
5°	1495.3	1495.6	1495.3	1495.3	1494.9
5.5°	1495.3	1495.6	1495.3	1495.3	1494.9
6°	1495.6	1495.6	1495.3	1495.3	1494.5
6.5°	1495.6	1496.0	1495.6	1495.3	1494.5
7°	1495.6	1496.0	1495.3	1495.3	1494.5
7.5°	1495.6	1496.0	1495.3	1494.9	1494.2
8°	1496.0	1496.0	1495.6	1494.9	1494.2
8.5°	1496.0	1496.4	1495.3	1494.9	1493.8
9°	1496.4	1496.4	1495.6	1494.5	1493.8
9.5°	1496.4	1496.7	1495.3	1494.5	1493.4
10°	1496.7	1496.7	1495.3	1494.2	1493.1
10.5°	1497.1	1497.1	1495.3	1494.2	1493.1
11°	1497.1	1497.1	1495.3	1493.8	1492.7
11.5°	1497.5	1497.5	1495.3	1493.4	1492.4
12°	1497.5	1497.5	1495.3	1493.4	1492.0
12.5°	1497.8	1497.5	1494.9	1493.1	1491.6
13°	1497.8	1497.5	1494.9	1492.7	1491.3
13.5°	1498.2	1497.8	1494.9	1492.4	1490.9
14°	1498.2	1497.8	1494.9	1492.0	1490.2
14.5°	1498.5	1497.8	1494.5	1491.6	1489.8
15°	1498.5	1498.2	1494.5	1491.3	1489.4
15.5°	1498.9	1498.2	1494.2	1490.5	1488.7
16°	1498.5	1498.2	1493.8	1490.2	1488.0
16.5°	1498.9	1498.2	1493.8	1489.4	1487.3
17°	1498.9	1497.8	1493.4	1488.7	1486.9
17.5°	1498.9	1497.8	1492.7	1488.3	1486.2
18°	1498.9	1497.8	1492.4	1487.6	1485.1
18.5°	1498.9	1497.5	1492.0	1486.9	1484.3
19°	1498.5	1497.5	1491.6	1486.2	1483.6
19.5°	1498.5	1497.1	1490.9	1485.1	1482.5
20°	1498.2	1496.7	1490.2	1484.3	1481.8
20.5°	1497.8	1496.4	1489.8	1483.6	1480.7
21°	1497.8	1496.0	1489.1	1482.5	1479.6



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	1496.4	1494.2	1486.5	1479.2	1476.0
23°	1495.6	1493.4	1485.4	1478.1	1474.9
23.5°	1494.9	1492.7	1484.3	1476.7	1473.4
24°	1494.2	1492.0	1483.2	1475.2	1471.9
24.5°	1493.4	1490.9	1482.1	1473.8	1470.5
25°	1492.4	1489.8	1480.7	1472.3	1469.0
25.5°	1491.3	1488.7	1479.2	1470.9	1467.2
26°	1490.2	1487.6	1477.8	1469.4	1465.8
26.5°	1489.1	1486.2	1476.3	1467.6	1463.9
27°	1487.6	1484.7	1474.5	1465.8	1462.1
27.5°	1486.2	1483.2	1472.7	1463.9	1460.3
28°	1484.7	1481.4	1470.9	1462.1	1458.5
28.5°	1482.9	1479.6	1469.0	1459.9	1456.3
29°	1481.1	1477.8	1466.8	1457.7	1454.1
29.5°	1479.2	1475.6	1464.7	1455.6	1451.5
30°	1477.0	1473.4	1462.1	1453.0	1449.0
30.5°	1474.9	1471.2	1459.6	1450.5	1446.8
31°	1472.3	1468.7	1457.0	1447.9	1443.9
31.5°	1470.1	1466.1	1454.1	1445.4	1441.3
32°	1467.2	1463.2	1451.5	1442.4	1438.4
32.5°	1464.3	1460.3	1448.3	1439.2	1435.1
33°	1461.4	1457.0	1445.0	1436.2	1431.9
33.5°	1458.1	1453.7	1441.7	1433.0	1428.6
34°	1454.5	1450.1	1438.1	1429.3	1425.3
34.5°	1450.8	1446.4	1434.4	1425.7	1421.7
35°	1447.2	1442.4	1430.4	1421.7	1417.7
35.5°	1443.2	1438.4	1426.4	1417.7	1413.7
36°	1439.2	1434.1	1422.0	1413.7	1409.3
36.5°	1434.4	1429.7	1417.7	1409.3	1405.3
37°	1429.7	1424.9	1412.9	1404.5	1400.5
37.5°	1424.9	1419.8	1408.2	1399.8	1395.4
38°	1419.8	1415.1	1403.1	1395.1	1390.7
38.5°	1414.7	1409.6	1397.6	1389.6	1385.6
39°	1409.3	1403.8	1392.2	1384.5	1380.1
39.5°	1403.5	1398.0	1386.7	1378.7	1374.7
40°	1397.3	1392.2	1380.5	1372.8	1368.8
40.5°	1391.4	1386.0	1374.3	1367.0	1362.6
41°	1384.9	1379.4	1368.1	1360.5	1356.1
41.5°	1377.9	1372.5	1361.2	1353.9	1349.5
42°	1371.0	1365.6	1354.3	1347.3	1342.6
42.5°	1363.7	1358.3	1347.0	1340.1	1335.7
43°	1356.5	1350.6	1339.7	1332.8	1328.4
43.5°	1348.8	1343.0	1332.0	1325.1	1320.7



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	1323.7	1317.8	1307.3	1301.1	1296.3
45.5°	1314.9	1308.7	1298.5	1292.3	1288.0
46°	1305.8	1299.6	1289.4	1283.2	1278.8
46.5°	1296.3	1290.1	1280.3	1274.1	1269.7
47°	1286.5	1280.7	1270.5	1265.0	1260.3
47.5°	1276.7	1270.5	1260.6	1255.2	1250.4
48°	1266.8	1260.3	1250.8	1245.0	1240.2
48.5°	1256.3	1250.1	1240.6	1235.1	1230.8
49°	1245.0	1239.1	1229.7	1223.8	1219.8
49.5°	1234.0	1228.2	1218.7	1213.3	1208.9
50°	1222.7	1216.5	1207.8	1202.3	1198.0
50.5°	1211.1	1204.9	1196.1	1190.7	1186.7
51°	1199.4	1193.2	1184.5	1179.0	1174.6
51.5°	1187.0	1180.8	1172.1	1167.0	1163.0
52°	1174.6	1168.4	1159.7	1155.0	1151.0
52.5°	1162.3	1156.1	1147.3	1142.2	1138.6
53°	1148.8	1142.9	1134.9	1130.2	1126.2
53.5°	1135.3	1129.5	1121.4	1116.7	1113.1
54°	1121.8	1116.0	1108.0	1103.2	1100.0
54.5°	1108.7	1102.5	1094.9	1090.1	1086.8
55°	1094.5	1088.7	1081.0	1076.3	1073.0
55.5°	1080.3	1074.4	1066.8	1062.1	1059.1
56°	1065.3	1059.9	1052.2	1048.2	1045.3
56.5°	1050.4	1045.3	1037.7	1033.6	1030.7
57°	1035.8	1030.4	1023.1	1019.4	1016.5
57.5°	1021.3	1015.4	1008.1	1004.5	1001.6
58°	1005.2	999.8	992.8	989.2	986.6
58.5°	989.6	984.5	977.2	973.9	971.3
59°	973.9	968.8	961.9	958.6	956.0
59.5°	957.5	952.8	945.8	942.6	940.0
60°	941.5	936.4	929.8	926.9	924.3
60.5°	925.1	920.7	913.8	910.9	908.3
61°	908.3	903.9	897.4	894.5	891.9
61.5°	891.2	887.5	881.0	878.1	875.9
62°	874.4	870.8	864.2	861.7	859.5
62.5°	857.3	853.7	847.1	844.5	842.4
63°	840.2	836.5	830.3	827.8	825.6
63.5°	822.7	819.0	813.2	810.7	808.5
64°	805.2	801.6	795.4	793.5	791.0
64.5°	787.7	784.1	777.9	776.1	773.9
65°	769.9	766.9	761.1	758.9	757.5
65.5°	752.4	748.7	743.3	741.4	739.3
66°	733.8	730.9	725.4	723.6	722.1



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	679.9	676.6	671.8	670.0	668.2
68°	661.3	658.4	653.6	652.2	650.4
68.5°	642.7	639.8	635.1	634.0	632.9
69°	624.1	621.2	617.2	616.1	614.6
69.5°	605.9	603.0	599.3	598.3	596.4
70°	587.3	584.8	581.1	580.0	578.2
70.5°	568.7	566.2	562.9	561.8	560.0
71°	550.2	548.0	545.1	543.6	541.8
71.5°	531.9	529.8	526.5	525.4	523.9
72°	513.4	511.5	508.3	507.5	505.7
72.5°	494.8	493.3	490.0	489.3	487.9
73°	476.2	474.7	471.5	470.7	469.6
73.5°	458.0	456.5	453.6	452.5	451.4
74°	439.8	438.7	435.8	435.0	433.6
74.5°	421.2	420.5	417.9	416.8	415.7
75°	402.6	402.6	400.0	399.3	398.2
75.5°	384.7	384.7	382.2	381.5	380.4
76°	366.9	366.9	364.3	363.7	362.2
76.5°	348.9	349.0	346.9	346.1	344.9
77°	331.6	331.7	329.8	328.8	327.6
77.5°	313.1	314.0	312.4	311.5	310.3
78°	295.9	297.0	295.3	294.6	293.6
78.5°	279.6	280.3	279.3	278.4	277.0
79°	262.6	263.2	262.5	261.7	260.4
79.5°	245.9	246.8	246.3	245.6	244.0
80°	229.8	230.4	230.6	229.6	228.1
80.5°	212.9	214.2	214.5	213.5	212.7
81°	197.3	198.5	198.9	198.3	197.3
81.5°	181.9	183.4	183.7	183.4	182.1
82°	166.5	168.3	168.8	168.6	167.1
82.5°	151.7	153.8	154.4	154.2	152.8
83°	137.5	139.7	140.2	140.4	139.2
83.5°	123.7	125.8	126.5	126.7	125.3
84°	110.4	112.3	113.2	113.5	112.4
84.5°	97.8	99.3	100.4	100.9	100.3
85°	85.9	87.0	88.0	88.6	87.9
85.5°	74.4	75.3	76.0	77.0	76.4
86°	63.7	64.6	65.1	65.9	65.9
86.5°	53.5	53.9	54.3	55.2	55.2
87°	43.7	43.8	43.9	45.1	45.1
87.5°	33.7	34.0	34.2	35.2	35.6
88°	23.8	24.6	24.8	25.8	25.8
88.5°	16.8	16.8	16.8	17.8	18.0



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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-L835-CFR2

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	1.1	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	1.3	1.3	1.2
118°	1.4	1.3	1.4	1.3	1.3
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	1.5
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	1.7	1.7	1.6	1.6
122°	1.7	1.8	1.7	1.7	1.7
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°	2.0	2.0	1.9	1.9	1.9
125°	2.1	2.0	2.0	2.0	2.0
125.5°	2.1	2.1	2.0	2.0	2.0
126°	2.1	2.0	2.0	2.0	2.0
126.5°	2.0	2.1	2.1	2.0	2.0
127°	2.1	2.1	2.0	2.0	2.0
127.5°	2.2	2.1	2.1	2.0	2.0
128°	2.2	2.1	2.1	2.0	2.0
128.5°	2.1	2.1	2.0	2.0	2.0
129°	2.1	2.1	2.0	2.0	2.0
129.5°	2.0	2.1	2.0	2.0	2.0
130°	2.0	2.1	2.0	1.9	2.0
130.5°	2.1	2.0	2.0	1.9	2.0
131°	2.0	2.0	2.0	1.9	1.9
131.5°	2.0	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	1.7	1.8
133.5°	2.0	1.9	1.8	1.7	1.8



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L835-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	1.7
136°	1.7	1.7	1.6	1.6	1.7
136.5°	1.8	1.7	1.6	1.6	1.7
137°	1.7	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°	1.3	1.3	1.4	1.3	1.3
142.5°	1.3	1.4	1.4	1.3	1.3
143°	1.4	1.4	1.4	1.3	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°	1.3	1.3	1.3	1.3	1.3
145°	1.4	1.3	1.3	1.2	1.3
145.5°	1.3	1.3	1.3	1.2	1.4
146°	1.3	1.3	1.2	1.2	1.3
146.5°	1.4	1.3	1.2	1.2	1.3
147°	1.3	1.3	1.2	1.2	1.2
147.5°	1.3	1.3	1.2	1.2	1.3
148°	1.3	1.3	1.2	1.2	1.3
148.5°	1.4	1.3	1.2	1.2	1.3
149°	1.3	1.3	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	1.3	1.2	1.2	1.3
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	1.3
152.5°	1.4	1.3	1.2	1.3	1.4
153°	1.4	1.3	1.3	1.3	1.5
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	1.5
155°	1.3	1.3	1.3	1.4	1.5
155.5°	1.4	1.3	1.3	1.3	1.5
156°	1.3	1.3	1.3	1.3	1.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L835-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	1.3	1.3	1.3	1.4	1.4
158°	1.5	1.3	1.3	1.3	1.5
158.5°	1.4	1.3	1.3	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	1.3	1.3	1.5
160.5°	1.3	1.3	1.3	1.4	1.5
161°	1.3	1.3	1.3	1.4	1.5
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	1.5	1.5
164.5°	1.3	1.4	1.4	1.5	1.5
165°	1.3	1.3	1.3	1.4	1.5
165.5°	1.3	1.3	1.3	1.5	1.5
166°	1.4	1.4	1.3	1.5	1.4
166.5°	1.4	1.3	1.3	1.5	1.3
167°	1.3	1.5	1.3	1.5	1.5
167.5°	1.4	1.5	1.4	1.6	1.5
168°	1.4	1.4	1.3	1.5	1.5
168.5°	1.4	1.5	1.4	1.6	1.5
169°	1.5	1.5	1.3	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	1.7	1.7
175°	1.7	1.7	1.7	1.7	1.6
175.5°	1.7	1.7	1.8	1.7	1.7
176°	1.8	1.7	1.7	1.7	1.7
176.5°	1.8	1.7	1.7	1.6	1.7
177°	1.7	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-L835-CFR2

CANDELA DISTRIBUTION (continued):

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



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







21.5°	1497.5	1495.6	1488.3	1481.4	1478.5
22°	1496.7	1494.9	1487.3	1480.3	1477.4



44°	1340.4	1335.0	1324.0	1317.5	1313.1
44.5°	1332.0	1326.2	1316.0	1309.1	1304.7



66.5°	715.9	713.0	707.6	705.7	703.9
67°	698.1	694.8	689.7	687.9	686.4



89°	10.6	10.5	10.3	10.9	11.0
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	1.7	1.9
134.5°	1.9	1.8	1.8	1.7	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°	1.6	1.5	1.5	1.5	1.6
179.5°	1.4	1.5	1.4	1.4	1.5



(END OF REPORT)