

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-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-L830-CFD2
Description: 5000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS
AND 3000K CCT, 80CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

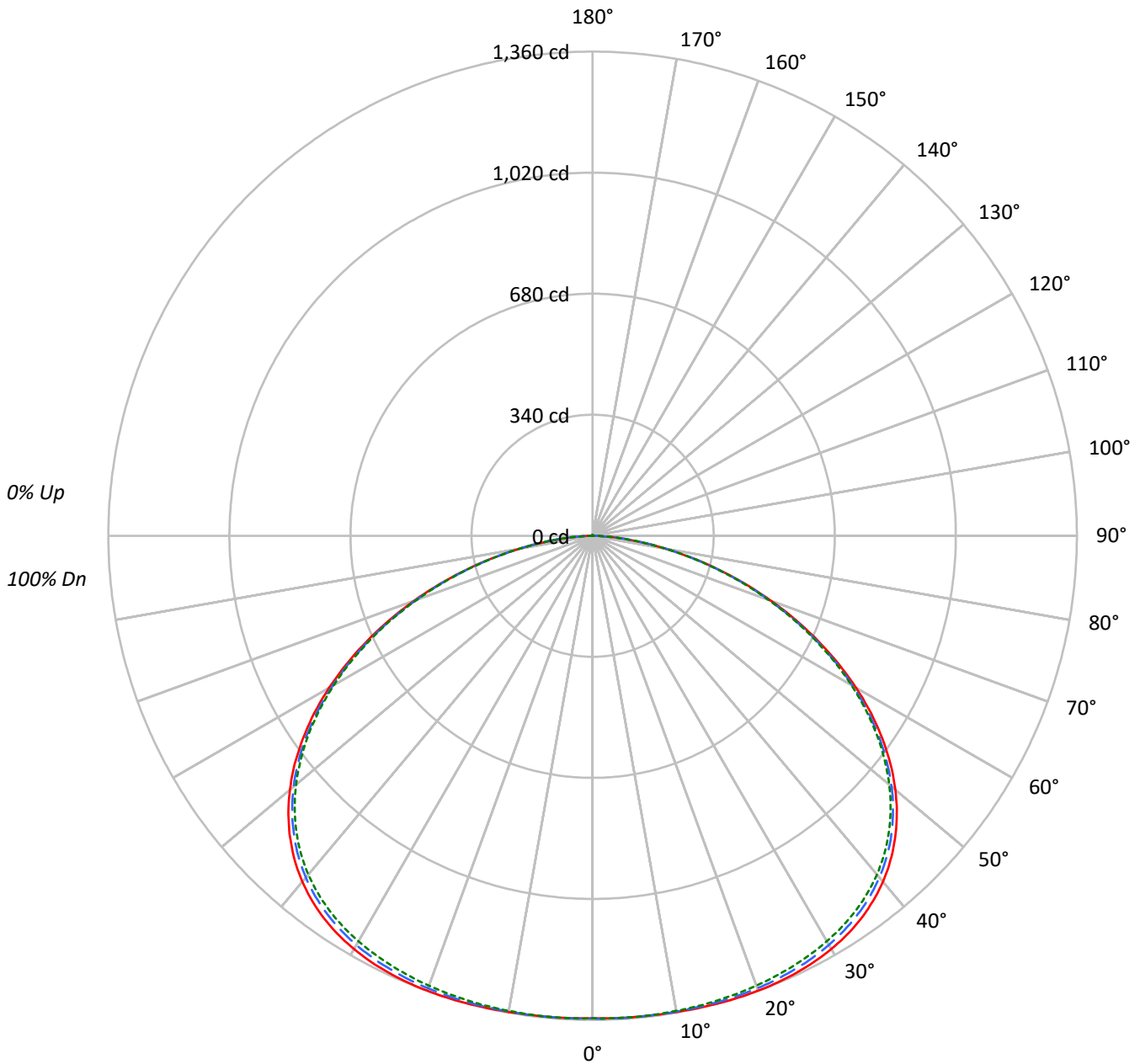
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4909.0 lumens
Efficiency: N/A
Efficacy: 125.9 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 (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				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°	968	968	968
5°	969	967	969
10°	977	973	975
15°	994	986	988
20°	1017	1005	1006
25°	1046	1029	1030
30°	1078	1057	1058
35°	1111	1085	1089
40°	1141	1111	1117
45°	1163	1129	1139
50°	1172	1135	1149
55°	1165	1124	1142
60°	1135	1090	1115
65°	1081	1033	1063
70°	995	943	980
75°	869	817	859
80°	689	640	684
85°	429	386	439



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	129.5	2.6
10°-20°	384.2	7.8
20°-30°	621.2	12.7
30°-40°	813.6	16.6
40°-50°	915.2	18.6
50°-60°	875.7	17.8
60°-70°	683.0	13.9
70°-80°	384.9	7.8
80°-90°	95.2	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°	1.2	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°	1135.0	23.1
0°-40°	1948.6	39.7
0°-60°	3739.4	76.2
0°-90°	4902.5	99.9
90°-120°	1.9	0.0
90°-150°	5.5	0.1
90°-180°	7.0	0.1
0°-180°	4909.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1356	1356	1356	1356	1356	
5°	1357	1357	1357	1357	1357	130
15°	1360	1360	1356	1353	1352	385
25°	1354	1352	1344	1336	1333	626
35°	1313	1309	1298	1290	1287	822
45°	1201	1196	1186	1181	1176	925
55°	993	988	981	977	974	885
65°	699	696	691	689	688	690
75°	365	365	363	362	361	387
85°	78	79	80	80	80	90
90°	1	1	1	1	1	4
95°	0	0	0	0	0	0
105°	1	0	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°	1355.7	1355.7	1355.7	1355.7	1355.7
0.5°	1355.4	1356.4	1356.7	1356.4	1355.7
1°	1355.7	1356.4	1356.7	1356.7	1356.1
1.5°	1356.1	1356.7	1356.7	1356.7	1356.4
2°	1356.1	1356.7	1356.7	1357.0	1356.4
2.5°	1356.4	1357.0	1357.0	1357.0	1356.4
3°	1356.7	1357.0	1357.0	1357.0	1356.7
3.5°	1356.7	1357.0	1357.0	1357.0	1356.7
4°	1357.0	1357.0	1357.0	1357.0	1356.7
4.5°	1357.0	1357.4	1357.0	1357.0	1356.7
5°	1357.0	1357.4	1357.0	1357.0	1356.7
5.5°	1357.0	1357.4	1357.0	1357.0	1356.7
6°	1357.4	1357.4	1357.0	1357.0	1356.4
6.5°	1357.4	1357.7	1357.4	1357.0	1356.4
7°	1357.4	1357.7	1357.0	1357.0	1356.4
7.5°	1357.4	1357.7	1357.0	1356.7	1356.1
8°	1357.7	1357.7	1357.4	1356.7	1356.1
8.5°	1357.7	1358.0	1357.0	1356.7	1355.7
9°	1358.0	1358.0	1357.4	1356.4	1355.7
9.5°	1358.0	1358.4	1357.0	1356.4	1355.4
10°	1358.4	1358.4	1357.0	1356.1	1355.1
10.5°	1358.7	1358.7	1357.0	1356.1	1355.1
11°	1358.7	1358.7	1357.0	1355.7	1354.7
11.5°	1359.0	1359.0	1357.0	1355.4	1354.4
12°	1359.0	1359.0	1357.0	1355.4	1354.1
12.5°	1359.4	1359.0	1356.7	1355.1	1353.7
13°	1359.4	1359.0	1356.7	1354.7	1353.4
13.5°	1359.7	1359.4	1356.7	1354.4	1353.1
14°	1359.7	1359.4	1356.7	1354.1	1352.4
14.5°	1360.0	1359.4	1356.4	1353.7	1352.1
15°	1360.0	1359.7	1356.4	1353.4	1351.8
15.5°	1360.4	1359.7	1356.1	1352.7	1351.1
16°	1360.0	1359.7	1355.7	1352.4	1350.4
16.5°	1360.4	1359.7	1355.7	1351.8	1349.8
17°	1360.4	1359.4	1355.4	1351.1	1349.4
17.5°	1360.4	1359.4	1354.7	1350.8	1348.8
18°	1360.4	1359.4	1354.4	1350.1	1347.8
18.5°	1360.4	1359.0	1354.1	1349.4	1347.1
19°	1360.0	1359.0	1353.7	1348.8	1346.5
19.5°	1360.0	1358.7	1353.1	1347.8	1345.5
20°	1359.7	1358.4	1352.4	1347.1	1344.8
20.5°	1359.4	1358.0	1352.1	1346.5	1343.8
21°	1359.4	1357.7	1351.4	1345.5	1342.8



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	1358.0	1356.1	1349.1	1342.5	1339.5
23°	1357.4	1355.4	1348.1	1341.5	1338.5
23.5°	1356.7	1354.7	1347.1	1340.2	1337.2
24°	1356.1	1354.1	1346.1	1338.9	1335.9
24.5°	1355.4	1353.1	1345.1	1337.5	1334.6
25°	1354.4	1352.1	1343.8	1336.2	1333.2
25.5°	1353.4	1351.1	1342.5	1334.9	1331.6
26°	1352.4	1350.1	1341.2	1333.6	1330.3
26.5°	1351.4	1348.8	1339.9	1331.9	1328.6
27°	1350.1	1347.5	1338.2	1330.3	1327.0
27.5°	1348.8	1346.1	1336.5	1328.6	1325.3
28°	1347.5	1344.5	1334.9	1327.0	1323.6
28.5°	1345.8	1342.8	1333.2	1325.0	1321.7
29°	1344.1	1341.2	1331.3	1323.0	1319.7
29.5°	1342.5	1339.2	1329.3	1321.0	1317.4
30°	1340.5	1337.2	1327.0	1318.7	1315.1
30.5°	1338.5	1335.2	1324.6	1316.4	1313.1
31°	1336.2	1332.9	1322.3	1314.1	1310.4
31.5°	1334.2	1330.6	1319.7	1311.7	1308.1
32°	1331.6	1327.9	1317.4	1309.1	1305.5
32.5°	1328.9	1325.3	1314.4	1306.1	1302.5
33°	1326.3	1322.3	1311.4	1303.5	1299.5
33.5°	1323.3	1319.4	1308.4	1300.5	1296.5
34°	1320.0	1316.0	1305.1	1297.2	1293.6
34.5°	1316.7	1312.7	1301.8	1293.9	1290.3
35°	1313.4	1309.1	1298.2	1290.3	1286.6
35.5°	1309.8	1305.5	1294.6	1286.6	1283.0
36°	1306.1	1301.5	1290.6	1283.0	1279.0
36.5°	1301.8	1297.5	1286.6	1279.0	1275.4
37°	1297.5	1293.2	1282.3	1274.7	1271.1
37.5°	1293.2	1288.6	1278.0	1270.4	1266.4
38°	1288.6	1284.3	1273.4	1266.1	1262.1
38.5°	1284.0	1279.3	1268.4	1261.2	1257.5
39°	1279.0	1274.0	1263.5	1256.5	1252.6
39.5°	1273.7	1268.8	1258.5	1251.2	1247.6
40°	1268.1	1263.5	1252.9	1245.9	1242.3
40.5°	1262.8	1257.8	1247.3	1240.7	1236.7
41°	1256.9	1251.9	1241.6	1234.7	1230.7
41.5°	1250.6	1245.6	1235.4	1228.7	1224.8
42°	1244.3	1239.3	1229.1	1222.8	1218.5
42.5°	1237.7	1232.7	1222.5	1216.2	1212.2
43°	1231.1	1225.8	1215.9	1209.6	1205.6
43.5°	1224.1	1218.8	1208.9	1202.6	1198.7



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	1201.3	1196.0	1186.4	1180.8	1176.5
45.5°	1193.4	1187.7	1178.5	1172.9	1168.9
46°	1185.1	1179.5	1170.2	1164.6	1160.6
46.5°	1176.5	1170.9	1162.0	1156.3	1152.4
47°	1167.6	1162.3	1153.0	1148.1	1143.8
47.5°	1158.6	1153.0	1144.1	1139.1	1134.8
48°	1149.7	1143.8	1135.2	1129.9	1125.6
48.5°	1140.1	1134.5	1125.9	1121.0	1117.0
49°	1129.9	1124.6	1116.0	1110.7	1107.1
49.5°	1120.0	1114.7	1106.1	1101.1	1097.1
50°	1109.7	1104.1	1096.2	1091.2	1087.2
50.5°	1099.1	1093.5	1085.6	1080.6	1077.0
51°	1088.5	1082.9	1075.0	1070.0	1066.1
51.5°	1077.3	1071.7	1063.7	1059.1	1055.5
52°	1066.1	1060.4	1052.5	1048.2	1044.6
52.5°	1054.8	1049.2	1041.3	1036.6	1033.3
53°	1042.6	1037.3	1030.0	1025.7	1022.1
53.5°	1030.3	1025.1	1017.8	1013.5	1010.2
54°	1018.1	1012.8	1005.5	1001.3	998.3
54.5°	1006.2	1000.6	993.6	989.3	986.4
55°	993.3	988.0	981.1	976.8	973.8
55.5°	980.4	975.1	968.2	963.9	961.2
56°	966.9	961.9	955.0	951.3	948.7
56.5°	953.3	948.7	941.7	938.1	935.4
57°	940.1	935.1	928.5	925.2	922.6
57.5°	926.9	921.6	914.9	911.6	909.0
58°	912.3	907.3	901.1	897.8	895.4
58.5°	898.1	893.5	886.8	883.9	881.6
59°	883.9	879.2	873.0	870.0	867.7
59.5°	869.0	864.7	858.4	855.4	853.1
60°	854.4	849.8	843.9	841.2	838.9
60.5°	839.6	835.6	829.3	826.7	824.3
61°	824.3	820.4	814.4	811.8	809.5
61.5°	808.8	805.5	799.5	796.9	794.9
62°	793.6	790.3	784.3	782.0	780.0
62.5°	778.1	774.7	768.8	766.5	764.5
63°	762.5	759.2	753.6	751.3	749.3
63.5°	746.6	743.3	738.0	735.7	733.7
64°	730.8	727.5	721.8	720.2	717.9
64.5°	714.9	711.6	706.0	704.3	702.3
65°	698.7	696.0	690.8	688.8	687.5
65.5°	682.8	679.5	674.6	672.9	670.9
66°	666.0	663.3	658.4	656.7	655.4



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	617.0	614.0	609.7	608.1	606.4
68°	600.2	597.5	593.2	591.9	590.2
68.5°	583.3	580.6	576.3	575.4	574.4
69°	566.4	563.8	560.1	559.2	557.8
69.5°	549.9	547.2	543.9	543.0	541.3
70°	533.0	530.7	527.4	526.4	524.8
70.5°	516.2	513.9	510.9	509.9	508.2
71°	499.3	497.3	494.7	493.4	491.7
71.5°	482.8	480.8	477.8	476.8	475.5
72°	465.9	464.3	461.3	460.6	459.0
72.5°	449.0	447.7	444.7	444.1	442.8
73°	432.2	430.9	427.9	427.2	426.2
73.5°	415.6	414.3	411.7	410.7	409.7
74°	399.1	398.1	395.5	394.8	393.5
74.5°	382.2	381.6	379.3	378.3	377.3
75°	365.4	365.4	363.1	362.4	361.4
75.5°	349.2	349.2	346.9	346.2	345.2
76°	333.0	333.0	330.7	330.0	328.7
76.5°	316.6	316.7	314.8	314.1	313.0
77°	300.9	301.1	299.3	298.4	297.3
77.5°	284.2	285.0	283.5	282.7	281.6
78°	268.5	269.5	268.0	267.4	266.5
78.5°	253.8	254.4	253.5	252.7	251.4
79°	238.3	238.8	238.2	237.5	236.3
79.5°	223.1	224.0	223.5	222.9	221.5
80°	208.5	209.1	209.2	208.4	207.0
80.5°	193.2	194.4	194.6	193.7	193.0
81°	179.0	180.2	180.5	180.0	179.1
81.5°	165.1	166.4	166.7	166.4	165.2
82°	151.1	152.7	153.2	153.0	151.7
82.5°	137.7	139.6	140.1	139.9	138.7
83°	124.8	126.8	127.3	127.4	126.3
83.5°	112.2	114.1	114.8	115.0	113.7
84°	100.2	101.9	102.7	103.0	102.0
84.5°	88.8	90.1	91.1	91.5	91.0
85°	78.0	79.0	79.9	80.5	79.8
85.5°	67.5	68.3	69.0	69.9	69.3
86°	57.8	58.6	59.1	59.8	59.8
86.5°	48.5	48.9	49.3	50.1	50.1
87°	39.7	39.7	39.8	40.9	41.0
87.5°	30.6	30.9	31.0	32.0	32.3
88°	21.6	22.4	22.6	23.4	23.4
88.5°	15.3	15.3	15.2	16.1	16.3



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CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L830-CFD2

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L830-CFD2

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L830-CFD2

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L830-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	1.3	1.3	1.3	1.3	1.3



Report Generated By 670246072 / DESKTOP-MV3F9LC





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







21.5°	1359.0	1357.4	1350.8	1344.5	1341.8
22°	1358.4	1356.7	1349.8	1343.5	1340.8



44°	1216.5	1211.6	1201.6	1195.7	1191.7
44.5°	1208.9	1203.6	1194.4	1188.1	1184.1



66.5°	649.8	647.1	642.1	640.5	638.8
67°	633.6	630.6	625.9	624.3	623.0



89°	9.7	9.5	9.4	9.9	10.0
89.5°	4.3	4.3	4.2	4.5	4.5



111.5°	0.8	0.7	0.8	0.8	0.7
112°	0.8	0.8	0.8	0.8	0.8



134°	1.7	1.7	1.6	1.6	1.7
134.5°	1.7	1.6	1.6	1.5	1.6



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



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



(END OF REPORT)