

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-40-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-40-L835-CFR2
Description: 4000 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

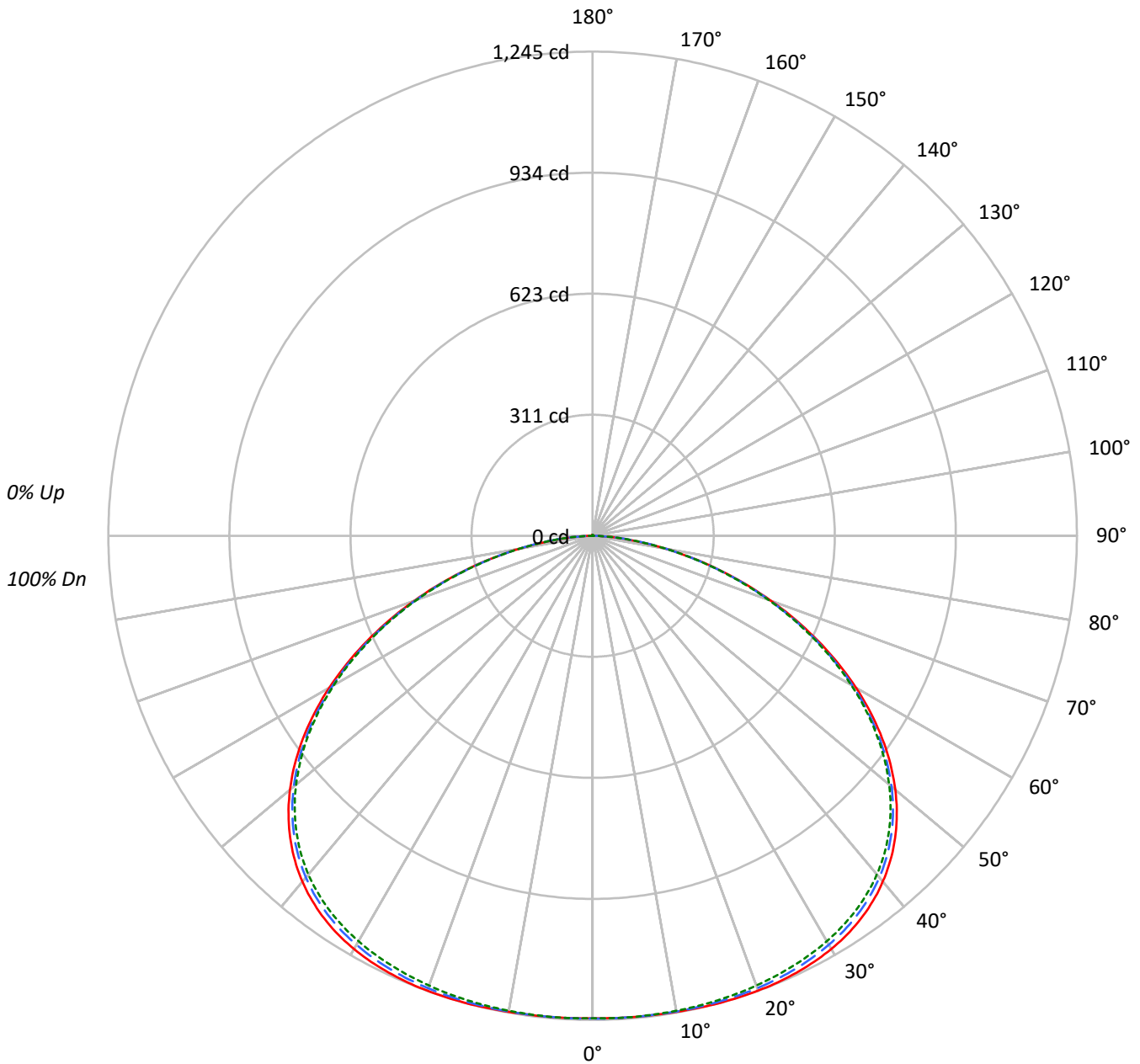
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4493.0 lumens
Efficiency: N/A
Efficacy: 139.5 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): 32.2
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

TEST NUMBER: P#
CATALOG NUMBER: 44ID-40-L835-CFR2

Luminous Intensity Polar Plot





TEST NUMBER: P#

CATALOG NUMBER: 44ID-40-L835-CFR2

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°	886	886	886
5°	890	890	890
10°	901	900	899
15°	920	917	914
20°	945	940	935
25°	976	969	961
30°	1011	1001	992
35°	1048	1036	1026
40°	1082	1069	1060
45°	1110	1096	1087
50°	1128	1114	1105
55°	1132	1118	1109
60°	1117	1103	1096
65°	1080	1068	1063
70°	1018	1008	1003
75°	922	917	912
80°	785	787	779
85°	585	599	598



TEST NUMBER: P#

CATALOG NUMBER: 44ID-40-L835-CFR2

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	118.6	2.6
10°-20°	351.7	7.8
20°-30°	568.5	12.7
30°-40°	744.7	16.6
40°-50°	837.6	18.6
50°-60°	801.5	17.8
60°-70°	625.1	13.9
70°-80°	352.3	7.8
80°-90°	87.2	1.9
90°-100°	0.3	0.0
100°-110°	0.5	0.0
110°-120°	0.9	0.0
120°-130°	1.4	0.0
130°-140°	1.1	0.0
140°-150°	0.7	0.0
150°-160°	0.5	0.0
160°-170°	0.3	0.0
170°-180°	0.1	0.0
0°-30°	1038.8	23.1
0°-40°	1783.4	39.7
0°-60°	3422.5	76.2
0°-90°	4487.1	99.9
90°-120°	1.7	0.0
90°-150°	5.0	0.1
90°-180°	6.0	0.1
0°-180°	4493.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1241	1241	1241	1241	1241	
5°	1242	1242	1242	1242	1242	119
15°	1245	1244	1241	1239	1237	353
25°	1240	1238	1230	1223	1220	573
35°	1202	1198	1188	1181	1178	753
45°	1100	1095	1086	1081	1077	847
55°	909	904	898	894	891	810
65°	640	637	632	630	629	631
75°	334	334	332	332	331	354
85°	71	72	73	74	73	83
90°	1	1	1	1	1	3
95°	0	0	0	0	0	0
105°	0	0	0	0	0	1
115°	1	1	1	1	1	1
125°	2	2	2	2	2	1
135°	2	2	1	1	2	1
145°	1	1	1	1	1	1
155°	1	1	1	1	1	1
165°	1	1	1	1	1	0
175°	1	1	1	2	1	0
180°	1	1	1	1	1	



TEST NUMBER: P#

CATALOG NUMBER: 44ID-40-L835-CFR2

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1240.8	1240.8	1240.8	1240.8	1240.8
0.5°	1240.5	1241.4	1241.7	1241.4	1240.8
1°	1240.8	1241.4	1241.7	1241.7	1241.1
1.5°	1241.1	1241.7	1241.7	1241.7	1241.4
2°	1241.1	1241.7	1241.7	1242.0	1241.4
2.5°	1241.4	1242.0	1242.0	1242.0	1241.4
3°	1241.7	1242.0	1242.0	1242.0	1241.7
3.5°	1241.7	1242.0	1242.0	1242.0	1241.7
4°	1242.0	1242.0	1242.0	1242.0	1241.7
4.5°	1242.0	1242.3	1242.0	1242.0	1241.7
5°	1242.0	1242.3	1242.0	1242.0	1241.7
5.5°	1242.0	1242.3	1242.0	1242.0	1241.7
6°	1242.3	1242.3	1242.0	1242.0	1241.4
6.5°	1242.3	1242.7	1242.3	1242.0	1241.4
7°	1242.3	1242.7	1242.0	1242.0	1241.4
7.5°	1242.3	1242.7	1242.0	1241.7	1241.1
8°	1242.7	1242.7	1242.3	1241.7	1241.1
8.5°	1242.7	1243.0	1242.0	1241.7	1240.8
9°	1243.0	1243.0	1242.3	1241.4	1240.8
9.5°	1243.0	1243.3	1242.0	1241.4	1240.5
10°	1243.3	1243.3	1242.0	1241.1	1240.2
10.5°	1243.6	1243.6	1242.0	1241.1	1240.2
11°	1243.6	1243.6	1242.0	1240.8	1239.9
11.5°	1243.9	1243.9	1242.0	1240.5	1239.6
12°	1243.9	1243.9	1242.0	1240.5	1239.3
12.5°	1244.2	1243.9	1241.7	1240.2	1239.0
13°	1244.2	1243.9	1241.7	1239.9	1238.7
13.5°	1244.5	1244.2	1241.7	1239.6	1238.4
14°	1244.5	1244.2	1241.7	1239.3	1237.8
14.5°	1244.8	1244.2	1241.4	1239.0	1237.5
15°	1244.8	1244.5	1241.4	1238.7	1237.2
15.5°	1245.1	1244.5	1241.1	1238.1	1236.6
16°	1244.8	1244.5	1240.8	1237.8	1236.0
16.5°	1245.1	1244.5	1240.8	1237.2	1235.4
17°	1245.1	1244.2	1240.5	1236.6	1235.1
17.5°	1245.1	1244.2	1239.9	1236.3	1234.5
18°	1245.1	1244.2	1239.6	1235.7	1233.6
18.5°	1245.1	1243.9	1239.3	1235.1	1233.0
19°	1244.8	1243.9	1239.0	1234.5	1232.4
19.5°	1244.8	1243.6	1238.4	1233.6	1231.5
20°	1244.5	1243.3	1237.8	1233.0	1230.8
20.5°	1244.2	1243.0	1237.5	1232.4	1229.9
21°	1244.2	1242.7	1236.9	1231.5	1229.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-40-L835-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	1243.0	1241.1	1234.8	1228.7	1226.0
23°	1242.3	1240.5	1233.9	1227.8	1225.1
23.5°	1241.7	1239.9	1233.0	1226.6	1223.9
24°	1241.1	1239.3	1232.1	1225.4	1222.7
24.5°	1240.5	1238.4	1231.2	1224.2	1221.5
25°	1239.6	1237.5	1229.9	1223.0	1220.3
25.5°	1238.7	1236.6	1228.7	1221.8	1218.7
26°	1237.8	1235.7	1227.5	1220.6	1217.5
26.5°	1236.9	1234.5	1226.3	1219.0	1216.0
27°	1235.7	1233.3	1224.8	1217.5	1214.5
27.5°	1234.5	1232.1	1223.3	1216.0	1213.0
28°	1233.3	1230.5	1221.8	1214.5	1211.5
28.5°	1231.8	1229.0	1220.3	1212.7	1209.7
29°	1230.2	1227.5	1218.4	1210.9	1207.8
29.5°	1228.7	1225.7	1216.6	1209.1	1205.7
30°	1226.9	1223.9	1214.5	1206.9	1203.6
30.5°	1225.1	1222.1	1212.4	1204.8	1201.8
31°	1223.0	1220.0	1210.3	1202.7	1199.4
31.5°	1221.2	1217.8	1207.8	1200.6	1197.3
32°	1218.7	1215.4	1205.7	1198.2	1194.8
32.5°	1216.3	1213.0	1203.0	1195.4	1192.1
33°	1213.9	1210.3	1200.3	1193.0	1189.4
33.5°	1211.2	1207.5	1197.6	1190.3	1186.7
34°	1208.2	1204.5	1194.5	1187.3	1183.9
34.5°	1205.1	1201.5	1191.5	1184.2	1180.9
35°	1202.1	1198.2	1188.2	1180.9	1177.6
35.5°	1198.8	1194.8	1184.8	1177.6	1174.3
36°	1195.4	1191.2	1181.2	1174.3	1170.6
36.5°	1191.5	1187.6	1177.6	1170.6	1167.3
37°	1187.6	1183.6	1173.6	1166.7	1163.4
37.5°	1183.6	1179.4	1169.7	1162.8	1159.1
38°	1179.4	1175.5	1165.5	1158.8	1155.2
38.5°	1175.2	1170.9	1160.9	1154.3	1151.0
39°	1170.6	1166.1	1156.4	1150.0	1146.4
39.5°	1165.8	1161.2	1151.9	1145.2	1141.9
40°	1160.6	1156.4	1146.7	1140.4	1137.0
40.5°	1155.8	1151.3	1141.6	1135.5	1131.9
41°	1150.3	1145.8	1136.4	1130.1	1126.4
41.5°	1144.6	1140.1	1130.7	1124.6	1121.0
42°	1138.8	1134.3	1124.9	1119.2	1115.2
42.5°	1132.8	1128.3	1118.9	1113.1	1109.5
43°	1126.7	1121.9	1112.8	1107.1	1103.4
43.5°	1120.4	1115.5	1106.5	1100.7	1097.1



TEST NUMBER: P#

CATALOG NUMBER: 44ID-40-L835-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	1099.5	1094.7	1085.9	1080.7	1076.8
45.5°	1092.2	1087.1	1078.6	1073.5	1069.8
46°	1084.7	1079.5	1071.1	1065.9	1062.3
46.5°	1076.8	1071.7	1063.5	1058.3	1054.7
47°	1068.6	1063.8	1055.3	1050.8	1046.8
47.5°	1060.5	1055.3	1047.1	1042.6	1038.7
48°	1052.3	1046.8	1039.0	1034.1	1030.2
48.5°	1043.5	1038.4	1030.5	1026.0	1022.3
49°	1034.1	1029.3	1021.4	1016.6	1013.2
49.5°	1025.1	1020.2	1012.3	1007.8	1004.2
50°	1015.7	1010.5	1003.3	998.7	995.1
50.5°	1006.0	1000.8	993.6	989.0	985.7
51°	996.3	991.2	983.9	979.4	975.7
51.5°	986.0	980.9	973.6	969.4	966.0
52°	975.7	970.6	963.3	959.4	956.0
52.5°	965.4	960.3	953.0	948.8	945.8
53°	954.2	949.4	942.7	938.8	935.5
53.5°	943.0	938.2	931.5	927.6	924.6
54°	931.8	927.0	920.3	916.4	913.7
54.5°	920.9	915.8	909.4	905.5	902.8
55°	909.1	904.3	897.9	894.0	891.3
55.5°	897.3	892.5	886.1	882.2	879.8
56°	884.9	880.4	874.0	870.7	868.3
56.5°	872.5	868.3	861.9	858.6	856.2
57°	860.4	855.9	849.8	846.8	844.4
57.5°	848.3	843.5	837.4	834.4	832.0
58°	835.0	830.5	824.7	821.7	819.6
58.5°	822.0	817.7	811.7	809.0	806.8
59°	809.0	804.7	799.0	796.3	794.1
59.5°	795.3	791.4	785.7	782.9	780.8
60°	782.0	777.8	772.3	769.9	767.8
60.5°	768.4	764.8	759.0	756.6	754.5
61°	754.5	750.9	745.4	743.0	740.9
61.5°	740.3	737.2	731.8	729.4	727.6
62°	726.3	723.3	717.9	715.8	713.9
62.5°	712.1	709.1	703.6	701.5	699.7
63°	697.9	694.9	689.7	687.6	685.8
63.5°	683.4	680.3	675.5	673.4	671.6
64°	668.8	665.8	660.7	659.2	657.0
64.5°	654.3	651.3	646.1	644.6	642.8
65°	639.5	637.1	632.2	630.4	629.2
65.5°	625.0	621.9	617.4	615.9	614.1
66°	609.5	607.1	602.6	601.0	599.8



TEST NUMBER: P#

CATALOG NUMBER: 44ID-40-L835-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	564.7	562.0	558.1	556.6	555.0
68°	549.3	546.9	542.9	541.7	540.2
68.5°	533.9	531.4	527.5	526.6	525.7
69°	518.4	516.0	512.7	511.8	510.6
69.5°	503.3	500.9	497.8	496.9	495.4
70°	487.9	485.7	482.7	481.8	480.3
70.5°	472.4	470.3	467.6	466.7	465.2
71°	457.0	455.2	452.8	451.5	450.0
71.5°	441.9	440.0	437.3	436.4	435.2
72°	426.4	424.9	422.2	421.6	420.1
72.5°	411.0	409.8	407.1	406.4	405.2
73°	395.6	394.3	391.6	391.0	390.1
73.5°	380.4	379.2	376.8	375.9	375.0
74°	365.3	364.4	362.0	361.4	360.1
74.5°	349.9	349.2	347.1	346.2	345.3
75°	334.4	334.4	332.3	331.7	330.8
75.5°	319.6	319.6	317.5	316.9	316.0
76°	304.8	304.8	302.6	302.1	300.9
76.5°	289.8	289.9	288.1	287.5	286.5
77°	275.4	275.6	274.0	273.1	272.1
77.5°	260.1	260.8	259.5	258.8	257.8
78°	245.8	246.7	245.3	244.7	243.9
78.5°	232.3	232.9	232.0	231.3	230.1
79°	218.1	218.6	218.0	217.4	216.3
79.5°	204.2	205.0	204.6	204.0	202.7
80°	190.9	191.4	191.5	190.7	189.5
80.5°	176.8	178.0	178.1	177.3	176.7
81°	163.9	164.9	165.2	164.7	163.9
81.5°	151.1	152.3	152.6	152.3	151.2
82°	138.3	139.8	140.2	140.0	138.8
82.5°	126.1	127.7	128.2	128.0	126.9
83°	114.2	116.0	116.5	116.6	115.6
83.5°	102.7	104.5	105.0	105.2	104.1
84°	91.7	93.3	94.0	94.3	93.4
84.5°	81.2	82.5	83.4	83.8	83.3
85°	71.4	72.3	73.1	73.6	73.0
85.5°	61.8	62.5	63.1	64.0	63.5
86°	52.9	53.6	54.1	54.7	54.7
86.5°	44.4	44.8	45.1	45.9	45.9
87°	36.3	36.3	36.5	37.5	37.5
87.5°	28.0	28.3	28.4	29.3	29.6
88°	19.8	20.5	20.6	21.5	21.4
88.5°	14.0	14.0	14.0	14.8	15.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-40-L835-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.7	0.6	0.7	0.7	0.6
90.5°	0.2	0.2	0.2	0.2	0.2
91°	0.2	0.2	0.2	0.2	0.2
91.5°	0.3	0.2	0.2	0.2	0.2
92°	0.2	0.2	0.2	0.2	0.2
92.5°	0.2	0.2	0.2	0.2	0.2
93°	0.2	0.2	0.2	0.2	0.2
93.5°	0.3	0.2	0.2	0.2	0.3
94°	0.3	0.2	0.3	0.2	0.3
94.5°	0.3	0.3	0.2	0.3	0.3
95°	0.3	0.2	0.3	0.2	0.3
95.5°	0.2	0.3	0.3	0.3	0.3
96°	0.3	0.3	0.3	0.3	0.3
96.5°	0.3	0.3	0.3	0.3	0.3
97°	0.3	0.3	0.3	0.3	0.4
97.5°	0.4	0.3	0.3	0.3	0.4
98°	0.4	0.3	0.3	0.3	0.4
98.5°	0.4	0.3	0.3	0.3	0.4
99°	0.4	0.4	0.3	0.3	0.3
99.5°	0.4	0.3	0.4	0.3	0.3
100°	0.4	0.4	0.4	0.4	0.4
100.5°	0.4	0.4	0.4	0.4	0.4
101°	0.4	0.4	0.4	0.4	0.4
101.5°	0.5	0.4	0.4	0.4	0.4
102°	0.5	0.4	0.4	0.4	0.4
102.5°	0.4	0.4	0.4	0.4	0.4
103°	0.4	0.4	0.4	0.4	0.4
103.5°	0.5	0.5	0.4	0.4	0.4
104°	0.5	0.5	0.5	0.4	0.4
104.5°	0.5	0.5	0.5	0.5	0.4
105°	0.5	0.5	0.5	0.5	0.5
105.5°	0.5	0.4	0.5	0.5	0.5
106°	0.5	0.5	0.5	0.5	0.5
106.5°	0.5	0.5	0.5	0.5	0.5
107°	0.5	0.5	0.5	0.5	0.5
107.5°	0.6	0.5	0.5	0.6	0.5
108°	0.6	0.5	0.5	0.6	0.5
108.5°	0.6	0.6	0.6	0.5	0.5
109°	0.6	0.6	0.6	0.6	0.6
109.5°	0.6	0.5	0.6	0.6	0.5
110°	0.6	0.6	0.6	0.6	0.6
110.5°	0.6	0.6	0.6	0.6	0.7
111°	0.6	0.7	0.7	0.7	0.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-40-L835-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.7	0.8	0.8	0.8	0.7
113°	0.8	0.7	0.7	0.8	0.8
113.5°	0.8	0.8	0.8	0.8	0.8
114°	0.8	0.8	0.9	0.9	0.8
114.5°	0.9	0.9	0.9	0.9	0.8
115°	0.9	0.9	0.9	0.9	0.9
115.5°	1.0	0.9	1.0	0.9	0.9
116°	1.0	1.0	1.0	1.0	0.9
116.5°	1.0	1.0	1.0	1.0	1.0
117°	1.1	1.1	1.1	1.1	1.0
117.5°	1.2	1.1	1.1	1.1	1.0
118°	1.2	1.1	1.2	1.1	1.1
118.5°	1.2	1.2	1.2	1.2	1.1
119°	1.2	1.2	1.3	1.2	1.2
119.5°	1.3	1.3	1.3	1.2	1.2
120°	1.3	1.3	1.3	1.3	1.3
120.5°	1.4	1.3	1.4	1.3	1.3
121°	1.4	1.4	1.4	1.4	1.3
121.5°	1.5	1.5	1.4	1.4	1.4
122°	1.4	1.5	1.5	1.4	1.5
122.5°	1.5	1.5	1.5	1.5	1.4
123°	1.6	1.6	1.5	1.5	1.5
123.5°	1.6	1.6	1.5	1.5	1.5
124°	1.6	1.6	1.6	1.5	1.5
124.5°	1.7	1.6	1.6	1.6	1.6
125°	1.8	1.7	1.7	1.6	1.6
125.5°	1.8	1.7	1.7	1.6	1.7
126°	1.8	1.7	1.7	1.7	1.6
126.5°	1.7	1.7	1.8	1.7	1.7
127°	1.8	1.8	1.7	1.7	1.6
127.5°	1.8	1.8	1.8	1.7	1.6
128°	1.8	1.7	1.7	1.7	1.7
128.5°	1.8	1.8	1.7	1.6	1.7
129°	1.7	1.7	1.7	1.7	1.6
129.5°	1.7	1.7	1.7	1.7	1.7
130°	1.7	1.7	1.7	1.6	1.6
130.5°	1.8	1.7	1.7	1.5	1.6
131°	1.7	1.7	1.7	1.6	1.6
131.5°	1.7	1.6	1.6	1.5	1.6
132°	1.7	1.6	1.6	1.5	1.5
132.5°	1.7	1.6	1.6	1.5	1.6
133°	1.6	1.5	1.5	1.5	1.5
133.5°	1.6	1.5	1.5	1.4	1.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-40-L835-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	1.6	1.5	1.4	1.4	1.5
135.5°	1.5	1.5	1.4	1.4	1.5
136°	1.5	1.4	1.4	1.3	1.5
136.5°	1.5	1.4	1.4	1.3	1.4
137°	1.5	1.4	1.4	1.3	1.4
137.5°	1.4	1.4	1.3	1.2	1.3
138°	1.4	1.3	1.3	1.2	1.3
138.5°	1.4	1.3	1.3	1.2	1.3
139°	1.2	1.3	1.3	1.2	1.3
139.5°	1.3	1.2	1.2	1.2	1.3
140°	1.3	1.2	1.2	1.2	1.2
140.5°	1.3	1.2	1.2	1.2	1.2
141°	1.2	1.2	1.2	1.1	1.2
141.5°	1.2	1.2	1.2	1.1	1.2
142°	1.1	1.1	1.2	1.1	1.1
142.5°	1.1	1.2	1.2	1.1	1.1
143°	1.2	1.2	1.2	1.1	1.1
143.5°	1.2	1.2	1.2	1.1	1.1
144°	1.2	1.1	1.2	1.0	1.1
144.5°	1.1	1.1	1.1	1.1	1.1
145°	1.2	1.1	1.1	1.0	1.1
145.5°	1.1	1.1	1.1	1.0	1.2
146°	1.1	1.1	1.0	1.0	1.1
146.5°	1.2	1.1	1.0	1.0	1.1
147°	1.1	1.1	1.0	1.0	1.0
147.5°	1.1	1.1	1.0	1.0	1.1
148°	1.1	1.1	1.0	1.0	1.1
148.5°	1.2	1.1	1.0	1.0	1.1
149°	1.1	1.1	1.0	1.0	1.1
149.5°	1.2	1.0	1.0	1.0	1.2
150°	1.2	1.1	1.0	1.0	1.1
150.5°	1.1	1.1	1.0	1.0	1.1
151°	1.2	1.1	1.0	1.0	1.2
151.5°	1.2	1.1	1.0	1.0	1.2
152°	1.2	1.1	1.1	1.1	1.1
152.5°	1.2	1.1	1.0	1.1	1.2
153°	1.2	1.1	1.1	1.1	1.2
153.5°	1.2	1.1	1.0	1.1	1.2
154°	1.2	1.1	1.1	1.1	1.2
154.5°	1.2	1.1	1.1	1.2	1.2
155°	1.1	1.1	1.1	1.2	1.2
155.5°	1.2	1.1	1.1	1.1	1.2
156°	1.1	1.1	1.1	1.1	1.2



TEST NUMBER: P#

CATALOG NUMBER: 44ID-40-L835-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	1.1	1.1	1.1	1.2	1.2
158°	1.2	1.1	1.1	1.1	1.2
158.5°	1.2	1.1	1.1	1.1	1.2
159°	1.2	1.1	1.1	1.1	1.2
159.5°	1.2	1.1	1.1	1.1	1.3
160°	1.2	1.1	1.1	1.1	1.2
160.5°	1.1	1.1	1.1	1.2	1.2
161°	1.1	1.1	1.1	1.2	1.2
161.5°	1.2	1.1	1.1	1.1	1.2
162°	1.1	1.1	1.1	1.2	1.2
162.5°	1.2	1.2	1.1	1.1	1.2
163°	1.2	1.1	1.2	1.2	1.2
163.5°	1.2	1.1	1.2	1.2	1.2
164°	1.1	1.2	1.1	1.2	1.2
164.5°	1.1	1.2	1.2	1.2	1.2
165°	1.1	1.1	1.1	1.2	1.2
165.5°	1.1	1.1	1.1	1.3	1.2
166°	1.2	1.2	1.1	1.2	1.2
166.5°	1.2	1.1	1.1	1.2	1.1
167°	1.1	1.2	1.1	1.3	1.2
167.5°	1.2	1.2	1.2	1.3	1.2
168°	1.2	1.2	1.1	1.3	1.2
168.5°	1.2	1.2	1.2	1.4	1.2
169°	1.2	1.2	1.1	1.4	1.2
169.5°	1.2	1.2	1.2	1.3	1.3
170°	1.2	1.2	1.2	1.4	1.2
170.5°	1.2	1.3	1.2	1.4	1.3
171°	1.2	1.2	1.2	1.4	1.3
171.5°	1.2	1.2	1.2	1.4	1.3
172°	1.2	1.2	1.3	1.4	1.3
172.5°	1.3	1.3	1.3	1.4	1.3
173°	1.2	1.2	1.3	1.4	1.3
173.5°	1.3	1.3	1.3	1.4	1.4
174°	1.3	1.3	1.4	1.4	1.3
174.5°	1.3	1.4	1.4	1.5	1.4
175°	1.4	1.4	1.4	1.5	1.4
175.5°	1.4	1.4	1.5	1.4	1.4
176°	1.5	1.5	1.4	1.4	1.4
176.5°	1.5	1.4	1.5	1.3	1.4
177°	1.5	1.4	1.4	1.3	1.4
177.5°	1.5	1.4	1.3	1.3	1.4
178°	1.4	1.4	1.3	1.3	1.3
178.5°	1.4	1.3	1.3	1.3	1.3



TEST NUMBER: P#

CATALOG NUMBER: 44ID-40-L835-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	1.2	1.2	1.2	1.2	1.2



Report Generated By 670246072 / DESKTOP-MV3F9LC





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







21.5°	1243.9	1242.3	1236.3	1230.5	1228.1
22°	1243.3	1241.7	1235.4	1229.6	1227.2



44°	1113.4	1108.9	1099.8	1094.4	1090.7
44.5°	1106.5	1101.6	1093.1	1087.4	1083.8



66.5°	594.7	592.3	587.7	586.2	584.7
67°	579.9	577.1	572.9	571.4	570.2



89°	8.8	8.7	8.6	9.0	9.2
89.5°	3.9	4.0	3.9	4.1	4.1



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



134°	1.5	1.5	1.5	1.5	1.5
134.5°	1.6	1.5	1.5	1.4	1.5



156.5°	1.2	1.1	1.1	1.2	1.2
157°	1.2	1.1	1.1	1.1	1.2



179°	1.3	1.3	1.2	1.2	1.3
179.5°	1.2	1.2	1.2	1.2	1.2



(END OF REPORT)