

Scaled data based on original data using
LM-66-11 Electrical and Photometric Measurements of Single-Ended Compact
Fluorescent Lamps

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: SHAPER

Report Number: 253P151

Luminaire Tested: **1270-36-CFL/3/27**

Issue Date: 3/3/2020

Test Information

Test Method: LM-66-11
Report Number: 253P151
Test Lab: METALUX LABORATORIES
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: SHAPER
Catalog Number: 1270-36-CFL/3/27
Description: SHAPER 36 INCH 1270 SERIES SOLID INDIRECT INTERIOR PENDANT FIXTURE
Light Source: THREE 24 WATT GX24 T4 COMPACT FLUORESCENT LAMPS
(3)F24BX - 1800 LUMENS - 24 WATTS
THIS FILE WAS PRORATED FROM TEST NO: 253P151
Ballast/Driver: -

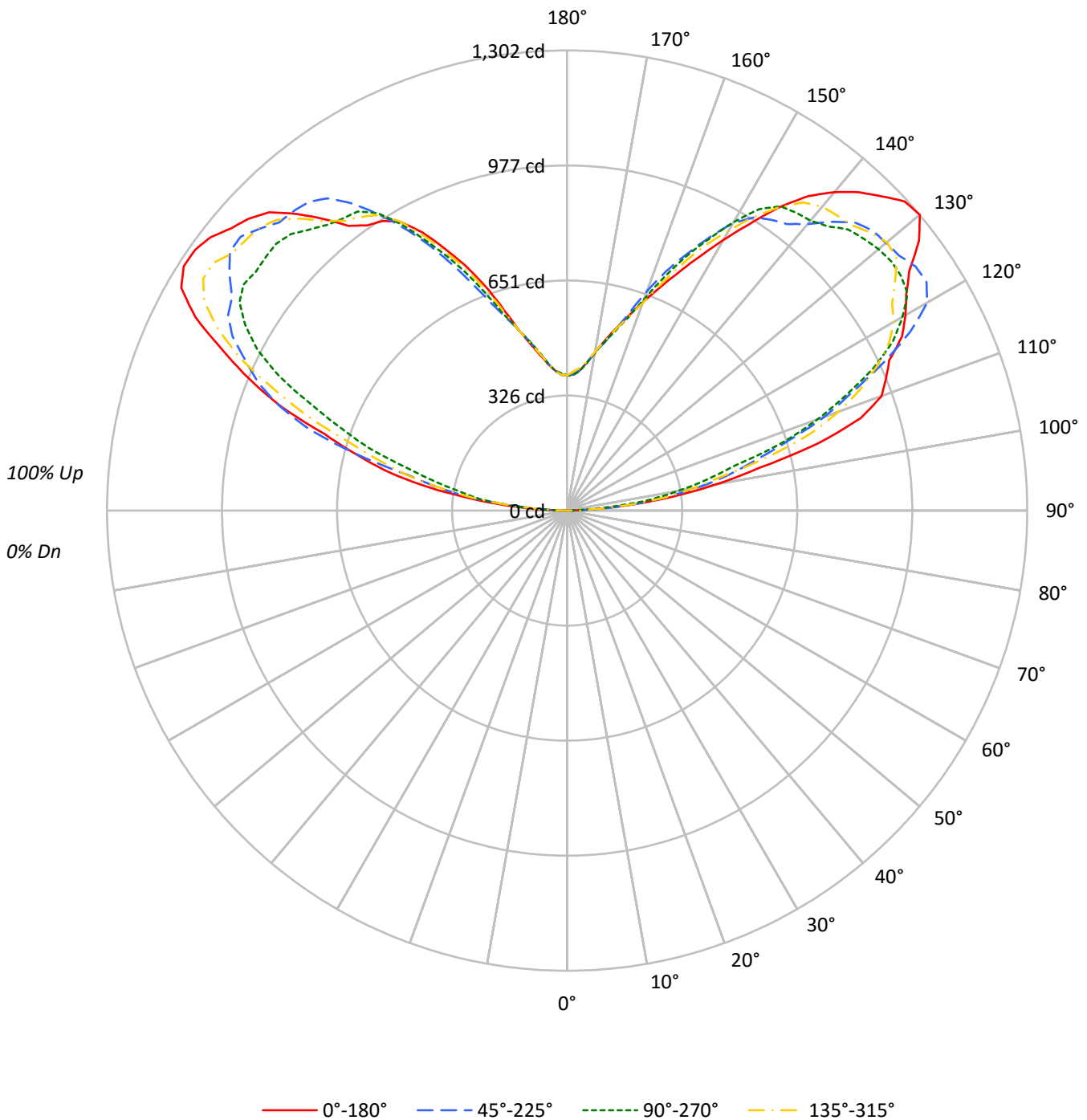
Summary

Lumens per Lamp: 1800 (3 lamps)
Luminaire Lumens: 4925.0 lumens
Efficiency: 91.2%
Efficacy: 68.4 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Vertical Cylinder (Dia: 3' x H: 0.1')
CIE Type: Indirect

Input Watts (W): 72
Input Voltage (V): NR
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	0
RCR																		
0	87	87	87	87	74	74	74	74	51	51	51	29	29	29	9	9	9	0
1	79	75	72	69	67	64	62	59	44	43	41	25	25	24	8	8	8	0
2	72	66	61	56	61	56	52	49	39	36	34	22	21	20	7	7	6	0
3	65	58	52	47	56	49	44	40	34	31	28	20	18	17	6	6	5	0
4	60	51	44	39	51	44	38	34	30	27	24	17	16	14	6	5	5	0
5	55	45	38	33	46	39	33	29	27	23	20	15	14	12	5	4	4	0
6	50	40	33	28	42	34	29	25	24	20	17	14	12	10	4	4	3	0
7	46	36	29	24	39	31	25	21	21	18	15	12	10	9	4	3	3	0
8	42	32	26	21	36	28	22	19	19	16	13	11	9	8	4	3	3	0
9	39	29	23	19	33	25	20	16	17	14	12	10	8	7	3	3	2	0
10	36	26	20	16	31	23	18	14	16	12	10	9	7	6	3	2	2	0

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	0	0	0	0
5°	0	0	0	0
10°	0	0	0	0
15°	0	0	0	0
20°	0	0	0	0
25°	0	0	0	0
30°	0	0	0	0
35°	0	0	0	0
40°	0	0	0	0
45°	0	0	0	0
50°	0	0	0	0
55°	0	0	0	0
60°	0	0	0	0
65°	0	0	0	0
70°	0	0	0	0
75°	0	0	0	0
80°	0	0	0	0
85°	0	0	0	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	0.0	0.0	0.0
10°-20°	0.0	0.0	0.0
20°-30°	0.0	0.0	0.0
30°-40°	0.0	0.0	0.0
40°-50°	0.0	0.0	0.0
50°-60°	0.0	0.0	0.0
60°-70°	0.0	0.0	0.0
70°-80°	0.0	0.0	0.0
80°-90°	0.8	0.0	0.0
90°-100°	180.5	3.7	3.3
100°-110°	614.2	12.5	11.4
110°-120°	974.8	19.8	18.1
120°-130°	1053.5	21.4	19.5
130°-140°	894.2	18.2	16.6
140°-150°	645.2	13.1	11.9
150°-160°	367.4	7.5	6.8
160°-170°	154.7	3.1	2.9
170°-180°	39.8	0.8	0.7
0°-30°	0.0	0.0	0.0
0°-40°	0.0	0.0	0.0
0°-60°	0.0	0.0	0.0
0°-90°	0.8	0.0	0.0
90°-120°	1769.5	35.9	32.8
90°-150°	4362.4	88.6	80.8
90°-180°	4924.0	100.0	91.2
0°-180°	4925.0	100.0	91.2

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	0	0	0	0	0	0
15°	0	0	0	0	0	0
25°	0	0	0	0	0	0
35°	0	0	0	0	0	0
45°	0	0	0	0	0	0
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	3	2	13	5	3	9
95°	170	127	178	150	170	194
105°	735	490	621	473	735	752
115°	1006	958	1077	898	1006	1010
125°	1182	1154	1286	1117	1182	1070
135°	1258	1125	1193	1106	1258	972
145°	1048	1051	985	1033	1048	657
155°	742	791	817	787	742	349
165°	533	526	529	528	533	154
175°	397	395	398	397	397	40
180°	382	382	382	382	382	



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CANDELA DISTRIBUTION (FULL):

	0°	20°	30°	40°	60°	80°	90°	100°	120°	140°	150°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	3.0	6.0	5.0	8.0	13.0	4.0	2.0	5.0	3.0	6.0	5.0
92.5°	57.7	58.9	56.0	69.1	66.9	40.0	31.4	35.4	57.7	58.9	56.0
95°	169.7	157.1	149.7	166.3	178.3	136.0	127.4	131.4	169.7	157.1	149.7
97.5°	301.1	268.6	247.4	267.4	290.9	251.4	238.3	253.7	301.1	268.6	247.4
100°	429.7	336.6	306.9	359.4	420.6	336.0	316.6	344.6	429.7	336.6	306.9
102.5°	556.0	415.4	384.0	449.7	529.7	442.9	405.1	422.3	556.0	415.4	384.0
105°	735.4	540.0	472.6	530.3	620.6	528.0	489.7	577.7	735.4	540.0	472.6
107.5°	870.9	669.7	587.4	632.6	719.4	628.0	639.4	729.7	870.9	669.7	587.4
110°	946.3	774.9	679.4	745.7	862.3	753.1	753.7	840.6	946.3	774.9	679.4



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CANDELA DISTRIBUTION (continued):

	0°	20°	30°	40°	60°	80°	90°	100°	120°	140°	150°
112.5°	976.6	870.9	782.3	836.0	973.7	872.0	854.9	936.0	976.6	870.9	782.3
115°	1005.7	953.7	897.7	954.9	1076.6	1001.7	958.3	1003.4	1005.7	953.7	897.7
117.5°	1068.0	1012.6	988.6	1062.9	1186.3	1089.7	1039.4	1066.9	1068.0	1012.6	988.6
120°	1105.1	1054.3	1052.0	1148.0	1260.6	1160.6	1095.4	1108.6	1105.1	1054.3	1052.0
122.5°	1137.7	1074.3	1098.9	1178.3	1286.3	1199.4	1141.7	1118.9	1137.7	1074.3	1098.9
125°	1181.7	1116.6	1117.1	1176.0	1285.7	1200.0	1154.3	1161.1	1181.7	1116.6	1117.1
127.5°	1254.9	1148.0	1110.3	1156.0	1270.9	1169.7	1157.1	1185.1	1254.9	1148.0	1110.3
130°	1302.3	1140.6	1114.3	1156.6	1241.7	1170.9	1150.3	1173.7	1302.3	1140.6	1114.3
132.5°	1294.9	1120.0	1117.1	1156.0	1222.3	1170.9	1138.3	1142.3	1294.9	1120.0	1117.1
135°	1257.7	1102.3	1105.7	1138.3	1193.1	1153.1	1124.6	1117.7	1257.7	1102.3	1105.7
137.5°	1221.7	1101.7	1078.3	1098.3	1138.9	1114.3	1090.9	1123.4	1221.7	1101.7	1078.3
140°	1176.0	1104.6	1055.4	1050.9	1078.3	1065.1	1070.9	1126.9	1176.0	1104.6	1055.4
142.5°	1121.1	1090.9	1041.7	1024.0	1015.4	1039.4	1062.9	1110.9	1121.1	1090.9	1041.7
145°	1048.0	1048.0	1033.1	1011.4	985.1	1024.6	1050.9	1064.6	1048.0	1048.0	1033.1
147.5°	962.3	992.6	997.7	987.4	971.4	998.3	1011.4	1004.6	962.3	992.6	997.7
150°	884.0	925.7	934.3	937.1	943.4	944.6	942.3	935.4	884.0	925.7	934.3
152.5°	808.6	856.6	857.7	865.7	887.4	870.9	864.6	860.0	808.6	856.6	857.7
155°	741.7	777.1	787.4	794.9	816.6	798.9	791.4	775.4	741.7	777.1	787.4
157.5°	681.1	696.6	714.3	728.0	748.0	729.1	712.6	692.6	681.1	696.6	714.3
160°	626.3	624.0	640.0	655.4	674.9	655.4	635.4	620.6	626.3	624.0	640.0
162.5°	577.1	570.9	575.4	583.4	595.4	582.3	571.4	568.6	577.1	570.9	575.4
165°	533.1	530.3	528.0	526.9	528.6	528.0	526.3	528.0	533.1	530.3	528.0
167.5°	492.0	491.4	490.3	488.6	483.4	489.1	488.6	489.1	492.0	491.4	490.3
170°	454.3	456.0	454.9	453.1	448.0	453.7	453.1	453.7	454.3	456.0	454.9
172.5°	420.6	424.6	421.7	421.1	418.9	422.3	419.4	421.1	420.6	424.6	421.7
175°	397.1	407.4	397.1	397.1	398.3	397.1	395.4	396.6	397.1	407.4	397.1
177.5°	385.7	396.6	389.1	384.6	384.6	384.6	383.4	384.0	385.7	396.6	389.1
180°	382.3	382.3	382.3	382.3	382.3	382.3	382.3	382.3	382.3	382.3	382.3



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CANDELA DISTRIBUTION (continued):

	160°	180°	200°	210°	220°	240°	260°	270°	280°	300°	320°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	8.0	13.0	4.0	2.0	5.0	3.0	6.0	5.0	8.0	13.0	4.0
92.5°	69.1	66.9	40.0	31.4	35.4	57.7	58.9	56.0	69.1	66.9	40.0
95°	166.3	178.3	136.0	127.4	131.4	169.7	157.1	149.7	166.3	178.3	136.0
97.5°	267.4	290.9	251.4	238.3	253.7	301.1	268.6	247.4	267.4	290.9	251.4
100°	359.4	420.6	336.0	316.6	344.6	429.7	336.6	306.9	359.4	420.6	336.0
102.5°	449.7	529.7	442.9	405.1	422.3	556.0	415.4	384.0	449.7	529.7	442.9
105°	530.3	620.6	528.0	489.7	577.7	735.4	540.0	472.6	530.3	620.6	528.0
107.5°	632.6	719.4	628.0	639.4	729.7	870.9	669.7	587.4	632.6	719.4	628.0
110°	745.7	862.3	753.1	753.7	840.6	946.3	774.9	679.4	745.7	862.3	753.1



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CANDELA DISTRIBUTION (continued):

	160°	180°	200°	210°	220°	240°	260°	270°	280°	300°	320°
112.5°	836.0	973.7	872.0	854.9	936.0	976.6	870.9	782.3	836.0	973.7	872.0
115°	954.9	1076.6	1001.7	958.3	1003.4	1005.7	953.7	897.7	954.9	1076.6	1001.7
117.5°	1062.9	1186.3	1089.7	1039.4	1066.9	1068.0	1012.6	988.6	1062.9	1186.3	1089.7
120°	1148.0	1260.6	1160.6	1095.4	1108.6	1105.1	1054.3	1052.0	1148.0	1260.6	1160.6
122.5°	1178.3	1286.3	1199.4	1141.7	1118.9	1137.7	1074.3	1098.9	1178.3	1286.3	1199.4
125°	1176.0	1285.7	1200.0	1154.3	1161.1	1181.7	1116.6	1117.1	1176.0	1285.7	1200.0
127.5°	1156.0	1270.9	1169.7	1157.1	1185.1	1254.9	1148.0	1110.3	1156.0	1270.9	1169.7
130°	1156.6	1241.7	1170.9	1150.3	1173.7	1302.3	1140.6	1114.3	1156.6	1241.7	1170.9
132.5°	1156.0	1222.3	1170.9	1138.3	1142.3	1294.9	1120.0	1117.1	1156.0	1222.3	1170.9
135°	1138.3	1193.1	1153.1	1124.6	1117.7	1257.7	1102.3	1105.7	1138.3	1193.1	1153.1
137.5°	1098.3	1138.9	1114.3	1090.9	1123.4	1221.7	1101.7	1078.3	1098.3	1138.9	1114.3
140°	1050.9	1078.3	1065.1	1070.9	1126.9	1176.0	1104.6	1055.4	1050.9	1078.3	1065.1
142.5°	1024.0	1015.4	1039.4	1062.9	1110.9	1121.1	1090.9	1041.7	1024.0	1015.4	1039.4
145°	1011.4	985.1	1024.6	1050.9	1064.6	1048.0	1048.0	1033.1	1011.4	985.1	1024.6
147.5°	987.4	971.4	998.3	1011.4	1004.6	962.3	992.6	997.7	987.4	971.4	998.3
150°	937.1	943.4	944.6	942.3	935.4	884.0	925.7	934.3	937.1	943.4	944.6
152.5°	865.7	887.4	870.9	864.6	860.0	808.6	856.6	857.7	865.7	887.4	870.9
155°	794.9	816.6	798.9	791.4	775.4	741.7	777.1	787.4	794.9	816.6	798.9
157.5°	728.0	748.0	729.1	712.6	692.6	681.1	696.6	714.3	728.0	748.0	729.1
160°	655.4	674.9	655.4	635.4	620.6	626.3	624.0	640.0	655.4	674.9	655.4
162.5°	583.4	595.4	582.3	571.4	568.6	577.1	570.9	575.4	583.4	595.4	582.3
165°	526.9	528.6	528.0	526.3	528.0	533.1	530.3	528.0	526.9	528.6	528.0
167.5°	488.6	483.4	489.1	488.6	489.1	492.0	491.4	490.3	488.6	483.4	489.1
170°	453.1	448.0	453.7	453.1	453.7	454.3	456.0	454.9	453.1	448.0	453.7
172.5°	421.1	418.9	422.3	419.4	421.1	420.6	424.6	421.7	421.1	418.9	422.3
175°	397.1	398.3	397.1	395.4	396.6	397.1	407.4	397.1	397.1	398.3	397.1
177.5°	384.6	384.6	384.6	383.4	384.0	385.7	396.6	389.1	384.6	384.6	384.6
180°	382.3	382.3	382.3	382.3	382.3	382.3	382.3	382.3	382.3	382.3	382.3



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CANDELA DISTRIBUTION (continued):

	330°	340°	360°
0°	0.0	0.0	0.0
2.5°	0.0	0.0	0.0
5°	0.0	0.0	0.0
7.5°	0.0	0.0	0.0
10°	0.0	0.0	0.0
12.5°	0.0	0.0	0.0
15°	0.0	0.0	0.0
17.5°	0.0	0.0	0.0
20°	0.0	0.0	0.0
22.5°	0.0	0.0	0.0
25°	0.0	0.0	0.0
27.5°	0.0	0.0	0.0
30°	0.0	0.0	0.0
32.5°	0.0	0.0	0.0
35°	0.0	0.0	0.0
37.5°	0.0	0.0	0.0
40°	0.0	0.0	0.0
42.5°	0.0	0.0	0.0
45°	0.0	0.0	0.0
47.5°	0.0	0.0	0.0
50°	0.0	0.0	0.0
52.5°	0.0	0.0	0.0
55°	0.0	0.0	0.0
57.5°	0.0	0.0	0.0
60°	0.0	0.0	0.0
62.5°	0.0	0.0	0.0
65°	0.0	0.0	0.0
67.5°	0.0	0.0	0.0
70°	0.0	0.0	0.0
72.5°	0.0	0.0	0.0
75°	0.0	0.0	0.0
77.5°	0.0	0.0	0.0
80°	0.0	0.0	0.0
82.5°	0.0	0.0	0.0
85°	0.0	0.0	0.0
87.5°	0.0	0.0	0.0
90°	2.0	5.0	3.0
92.5°	31.4	35.4	57.7
95°	127.4	131.4	169.7
97.5°	238.3	253.7	301.1
100°	316.6	344.6	429.7
102.5°	405.1	422.3	556.0
105°	489.7	577.7	735.4
107.5°	639.4	729.7	870.9
110°	753.7	840.6	946.3



TEST NUMBER: 253P151

CATALOG NUMBER: 1270-36-CFL/3/27

CANDELA DISTRIBUTION (continued):

	330°	340°	360°
112.5°	854.9	936.0	976.6
115°	958.3	1003.4	1005.7
117.5°	1039.4	1066.9	1068.0
120°	1095.4	1108.6	1105.1
122.5°	1141.7	1118.9	1137.7
125°	1154.3	1161.1	1181.7
127.5°	1157.1	1185.1	1254.9
130°	1150.3	1173.7	1302.3
132.5°	1138.3	1142.3	1294.9
135°	1124.6	1117.7	1257.7
137.5°	1090.9	1123.4	1221.7
140°	1070.9	1126.9	1176.0
142.5°	1062.9	1110.9	1121.1
145°	1050.9	1064.6	1048.0
147.5°	1011.4	1004.6	962.3
150°	942.3	935.4	884.0
152.5°	864.6	860.0	808.6
155°	791.4	775.4	741.7
157.5°	712.6	692.6	681.1
160°	635.4	620.6	626.3
162.5°	571.4	568.6	577.1
165°	526.3	528.0	533.1
167.5°	488.6	489.1	492.0
170°	453.1	453.7	454.3
172.5°	419.4	421.1	420.6
175°	395.4	396.6	397.1
177.5°	383.4	384.0	385.7
180°	382.3	382.3	382.3

(END OF REPORT)