

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: FAIL-SAFE

Report Number: P837778

Luminaire Tested: **ORLG-12-4-INS-ASY2R-LD4-1HI-27-120-EDD-90**

Issue Date: 5/21/2024

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

**Test Information**

Test Method: LM-79-08
Report Number: P837778
Test Lab: INNOVATION CENTER(G2)
Issue Date: 5/21/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: ORLG-12-4-INS-ASY2R-LD4-1HI-27-120-EDD-90
Description: 1FT x 4FT ORL LED LUMINAIRE WITH asymmetric/symmetric lens v2 and
RFI grid
Light Source: 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

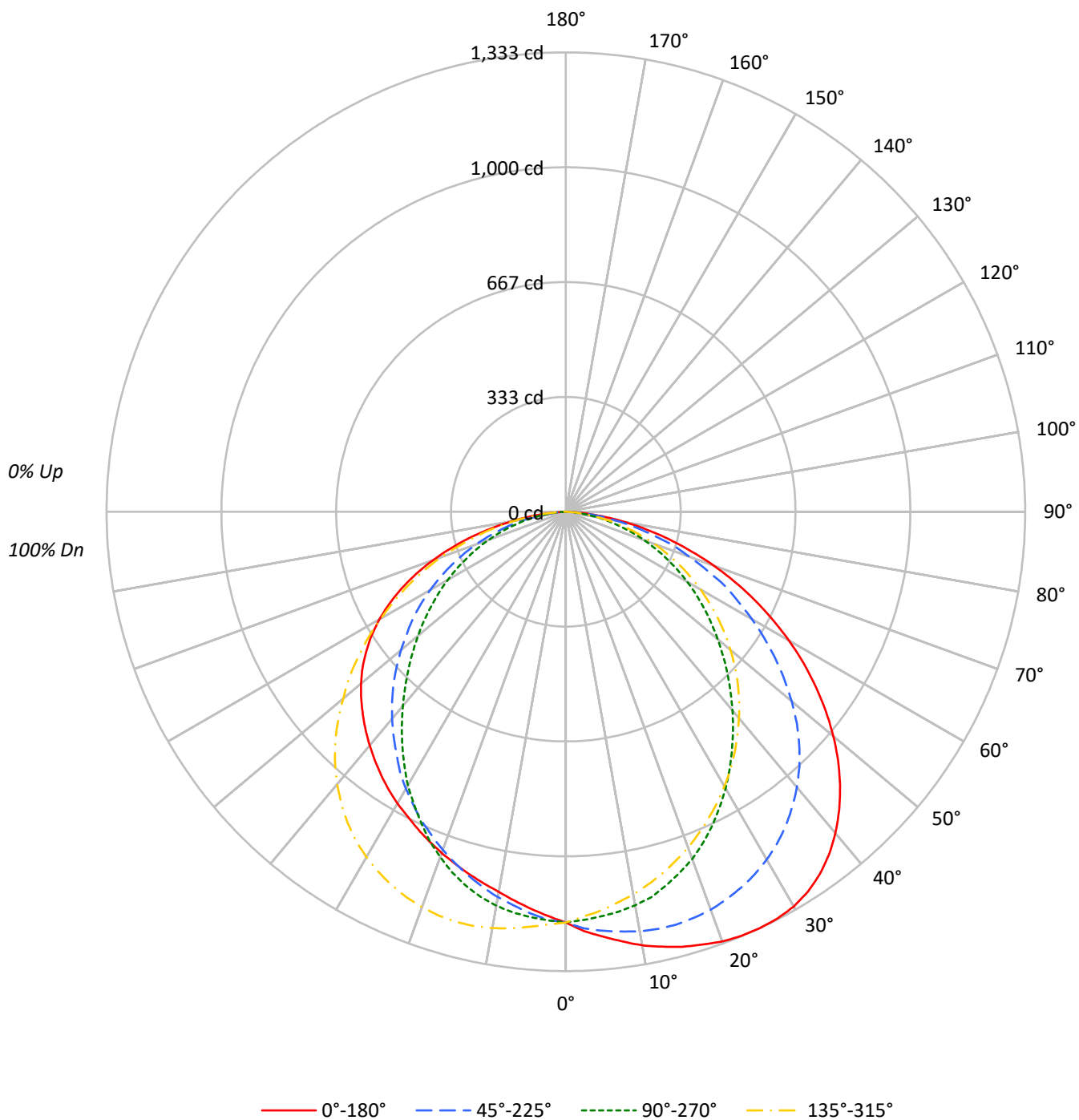
Lumens per Lamp: N/A
Luminaire Lumens: 3496.4 lumens
Efficiency: N/A
Efficacy: 79.5 lumens/watt
Spacing Criteria (0/90/45): 1.43 / 1.16 / 1.4
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 44
Input Voltage (V): 120
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

TEST NUMBER: P837778

CATALOG NUMBER: ORLG-12-4-INS-ASY2R-LD4-1HI-27-120-EDD-90

Luminous Intensity Polar Plot



Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P837778

CATALOG NUMBER: ORLG-12-4-INS-ASY2R-LD4-1HI-27-120-EDD-90

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	109	104	100	96	106	102	98	94	97	94	91	94	91	89	90	88	86	84		
2	99	91	84	78	96	89	82	77	85	80	75	82	77	73	79	75	72	70		
3	90	79	71	65	88	78	70	64	75	68	63	72	66	62	69	65	61	59		
4	82	70	61	55	80	69	61	54	66	59	53	64	58	53	62	56	52	50		
5	76	63	54	47	74	62	53	47	59	52	46	57	51	46	56	50	45	43		
6	70	56	47	41	68	55	47	41	54	46	40	52	45	40	50	44	40	38		
7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	40	35	33		
8	60	47	38	32	59	46	38	32	45	37	32	43	37	32	42	36	31	29		
9	56	43	34	29	55	42	34	29	41	34	29	40	33	28	39	33	28	26		
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	3207	3207	3207	3207
5°	3342	3184	3124	3189
10°	3491	3168	3060	3172
15°	3641	3127	3031	3128
20°	3800	3070	3017	3053
25°	3957	2985	3017	2954
30°	4110	2881	3037	2849
35°	4219	2762	3068	2719
40°	4275	2643	3110	2584
45°	4284	2523	3170	2460
50°	4243	2408	3248	2344
55°	4155	2301	3321	2237
60°	4025	2189	3365	2132
65°	3845	2060	3347	2013
70°	3592	1910	3228	1874
75°	3231	1702	2962	1694
80°	2740	1426	2490	1447
85°	1905	945	1581	969

Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P837778

CATALOG NUMBER: ORLG-12-4-INS-ASY2R-LD4-1HI-27-120-EDD-90

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	113.1	3.2
10°-20°	327.7	9.4
20°-30°	502.1	14.4
30°-40°	610.6	17.5
40°-50°	634.7	18.2
50°-60°	573.3	16.4
60°-70°	435.9	12.5
70°-80°	243.0	7.0
80°-90°	56.0	1.6
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	942.9	27.0
0°-40°	1553.5	44.4
0°-60°	2761.6	79.0
0°-90°	3496.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3496.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1192	1192	1192	1192	1192	
5°	1237	1179	1156	1181	1237	119
15°	1307	1122	1088	1123	1307	371
25°	1333	1005	1016	995	1333	616
35°	1284	841	934	828	1284	802
45°	1126	663	833	646	1126	867
55°	886	490	708	477	886	791
65°	604	324	526	316	604	597
75°	311	164	285	163	311	330
85°	62	31	51	31	62	78
90°	0	0	0	0	0	

TEST NUMBER: P837778

CATALOG NUMBER: ORLG-12-4-INS-ASY2R-LD4-1HI-27-120-EDD-90

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1191.7	1191.7	1191.7	1191.7	1191.7	1191.7	1191.7	1191.7	1191.7	1191.7	1191.7
2.5°	1218.2	1200.4	1200.6	1216.2	1204.3	1210.1	1193.4	1199.8	1197.9	1199.3	1185.6
5°	1237.3	1218.2	1217.9	1231.2	1217.9	1220.4	1199.3	1203.4	1197.3	1193.4	1178.7
7.5°	1257.6	1238.5	1236.5	1248.2	1230.7	1228.7	1205.4	1205.4	1194.3	1184.5	1170.6
10°	1277.6	1257.9	1255.4	1264.3	1242.6	1236.2	1207.9	1203.4	1188.7	1174.2	1159.2
12.5°	1292.7	1272.6	1270.7	1276.3	1251.8	1240.1	1207.9	1199.3	1177.6	1157.3	1145.6
15°	1306.8	1286.3	1281.0	1283.8	1255.7	1240.1	1204.0	1190.6	1162.8	1136.2	1122.5
17.5°	1316.8	1297.1	1291.8	1291.5	1257.6	1235.4	1195.6	1177.3	1143.9	1111.7	1098.1
20°	1326.9	1307.1	1300.4	1295.4	1257.1	1229.0	1183.4	1158.7	1119.8	1083.6	1072.2
22.5°	1331.9	1311.6	1304.3	1296.8	1253.5	1217.3	1168.4	1137.0	1092.5	1049.4	1040.0
25°	1332.7	1311.8	1304.1	1293.2	1246.2	1203.4	1148.9	1110.9	1061.1	1013.3	1005.2
27.5°	1330.5	1307.7	1299.9	1286.8	1235.4	1186.5	1125.9	1081.1	1027.7	974.9	966.3
30°	1322.7	1299.6	1292.1	1275.1	1220.1	1165.6	1100.6	1048.0	990.8	934.6	927.1
32.5°	1307.1	1284.6	1278.5	1261.5	1203.4	1141.4	1071.1	1012.4	949.9	896.2	885.1
35°	1284.3	1261.8	1257.9	1240.1	1180.1	1112.5	1038.9	973.5	906.5	851.8	840.9
37.5°	1254.6	1235.7	1229.8	1212.3	1152.6	1079.7	1001.9	931.3	862.3	803.4	796.7
40°	1217.0	1199.3	1194.8	1179.2	1120.6	1043.3	961.9	887.6	816.7	762.0	752.5
42.5°	1174.2	1157.6	1155.1	1138.9	1081.1	1003.0	918.5	842.3	769.2	716.4	706.9
45°	1125.6	1109.5	1108.9	1093.6	1038.0	958.2	872.9	796.4	722.8	668.0	663.0
47.5°	1071.9	1057.5	1057.5	1043.3	989.9	909.0	825.9	748.6	676.1	627.7	618.8
50°	1013.6	999.9	995.8	988.8	936.8	855.4	776.4	701.9	629.9	583.8	575.2
52.5°	951.3	939.6	942.4	929.6	879.3	799.5	726.4	649.4	583.5	541.5	532.9
55°	885.7	869.0	871.5	866.8	819.2	742.0	670.2	606.0	537.9	498.4	490.4
57.5°	817.6	795.9	804.8	802.0	755.3	683.0	618.8	556.8	492.6	456.2	448.4
60°	747.8	726.9	736.1	733.6	689.7	624.1	565.7	508.2	447.6	414.5	406.7
62.5°	676.1	656.9	665.2	663.3	623.0	563.8	512.9	460.1	402.3	372.5	365.3
65°	603.8	585.5	593.0	591.6	554.3	509.3	458.7	410.3	356.7	330.8	323.6
67.5°	529.9	512.9	519.8	519.8	485.7	442.6	404.2	360.0	311.9	289.7	283.0
70°	456.5	440.6	446.7	446.2	417.3	382.2	349.2	309.7	266.6	248.2	242.7
72.5°	382.5	368.6	374.2	373.6	349.4	326.9	294.1	259.9	222.4	207.7	202.7
75°	310.8	297.7	303.0	302.5	282.7	261.6	239.6	211.3	179.0	168.7	163.7
77.5°	242.4	229.1	233.5	233.5	219.1	203.8	186.3	164.3	141.5	130.4	126.8
80°	176.8	170.4	168.2	168.5	158.7	148.7	139.8	118.7	102.0	94.5	92.0
82.5°	116.2	110.9	108.7	109.3	103.7	97.6	92.0	77.3	66.2	61.7	60.3
85°	61.7	57.8	55.9	57.3	56.2	52.8	50.0	40.0	33.1	31.4	30.6
87.5°	19.5	17.0	15.6	20.6	17.5	15.6	15.0	12.0	9.2	9.2	8.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P837778

CATALOG NUMBER: ORLG-12-4-INS-ASY2R-LD4-1HI-27-120-EDD-90

CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°	185°
0°	1191.7	1191.7	1191.7	1191.7	1191.7	1191.7	1191.7	1191.7	1191.7	1191.7	1191.7
2.5°	1190.1	1190.1	1179.2	1176.7	1175.6	1177.0	1166.2	1164.2	1179.8	1174.5	1162.6
5°	1180.6	1180.1	1164.8	1162.0	1162.0	1160.3	1148.1	1145.3	1160.9	1156.4	1143.4
7.5°	1169.0	1167.3	1149.2	1147.3	1144.5	1143.4	1129.8	1127.8	1141.2	1138.4	1126.1
10°	1154.8	1153.1	1131.7	1130.3	1127.3	1125.0	1112.2	1110.9	1124.5	1120.0	1110.3
12.5°	1136.2	1133.1	1111.1	1109.7	1107.2	1106.4	1093.9	1093.3	1108.4	1103.9	1093.6
15°	1111.7	1109.2	1084.7	1085.3	1085.6	1085.6	1075.5	1075.0	1089.7	1087.8	1076.7
17.5°	1084.7	1081.4	1058.0	1059.7	1061.6	1063.9	1056.1	1057.5	1073.0	1070.5	1060.5
20°	1054.1	1050.8	1028.0	1032.7	1036.9	1041.4	1036.4	1040.2	1054.7	1053.6	1046.1
22.5°	1020.0	1016.6	995.5	1002.7	1009.7	1018.0	1015.8	1020.2	1035.5	1035.2	1028.6
25°	978.3	979.1	960.5	969.4	981.0	992.7	993.5	1000.8	1017.7	1016.1	1009.9
27.5°	939.3	940.4	920.7	935.7	951.3	966.3	969.9	979.9	997.2	995.8	990.5
30°	898.5	899.9	880.7	901.2	920.2	938.5	946.3	959.9	977.4	977.4	971.9
32.5°	855.9	858.4	838.4	865.9	887.9	909.3	922.9	937.1	957.1	956.6	951.8
35°	812.3	815.1	796.7	831.8	853.7	879.8	896.8	915.7	933.5	933.8	930.2
37.5°	767.8	771.1	754.5	792.8	817.9	848.7	870.4	889.3	909.0	910.1	906.8
40°	723.6	727.2	712.8	749.7	781.4	815.9	840.9	863.2	884.8	885.4	883.2
42.5°	679.4	683.3	672.5	708.6	744.5	781.4	810.9	836.2	858.4	859.8	857.3
45°	636.3	639.7	631.9	671.3	705.8	746.1	780.0	808.7	831.2	833.1	832.3
47.5°	593.5	596.6	589.6	625.8	665.5	708.3	747.5	779.2	803.1	805.3	804.8
50°	551.5	554.0	546.5	584.3	623.8	669.4	710.3	747.0	773.7	775.9	775.6
52.5°	509.8	512.3	505.9	545.7	581.6	629.7	674.1	713.9	740.3	743.6	744.2
55°	469.5	470.6	465.6	503.7	538.5	588.8	639.9	678.6	705.0	707.8	709.4
57.5°	429.2	429.5	425.3	461.7	495.1	546.5	600.2	640.8	665.8	668.6	671.1
60°	389.2	388.9	384.2	419.5	451.5	502.3	558.2	598.5	622.7	625.2	628.5
62.5°	349.4	348.6	344.4	377.0	407.0	457.3	513.5	552.4	575.4	577.1	581.6
65°	310.0	309.1	305.2	335.3	362.5	410.6	465.6	502.6	523.5	525.7	524.8
67.5°	271.0	269.4	266.3	293.3	318.0	362.5	415.3	450.6	467.9	469.8	475.1
70°	232.1	230.2	223.2	251.9	273.5	313.3	362.5	393.9	408.4	410.3	409.5
72.5°	193.8	191.8	184.3	210.7	229.1	263.8	307.7	333.9	346.4	348.0	348.0
75°	156.5	155.4	150.7	170.7	186.0	214.3	251.6	273.3	283.0	284.9	284.4
77.5°	120.6	119.8	115.1	132.3	144.3	165.4	195.4	212.4	219.6	221.8	226.6
80°	86.5	86.2	78.7	95.6	100.9	118.7	140.7	153.7	157.6	160.7	164.0
82.5°	55.3	55.6	48.1	62.5	64.8	76.2	89.8	97.9	100.6	103.1	105.6
85°	27.0	28.1	23.9	33.1	33.4	39.2	45.0	48.1	49.2	51.2	53.4
87.5°	6.9	8.1	4.4	9.5	8.3	10.8	12.5	13.3	13.1	14.5	15.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P837778

CATALOG NUMBER: ORLG-12-4-INS-ASY2R-LD4-1HI-27-120-EDD-90

CANDELA DISTRIBUTION (continued):

	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°	285°
0°	1191.7	1191.7	1191.7	1191.7	1191.7	1191.7	1191.7	1191.7	1191.7	1191.7	1191.7
2.5°	1166.5	1175.3	1170.9	1185.4	1190.9	1182.0	1197.6	1197.9	1186.7	1199.8	1207.0
5°	1148.4	1157.6	1154.8	1169.8	1176.7	1169.0	1187.9	1191.5	1180.6	1195.4	1207.0
7.5°	1130.0	1140.9	1137.3	1152.6	1160.9	1154.8	1175.1	1180.9	1172.6	1188.7	1204.3
10°	1114.2	1123.4	1119.5	1135.6	1142.8	1137.8	1157.8	1168.7	1160.9	1180.6	1199.3
12.5°	1098.6	1106.1	1101.7	1115.0	1122.0	1115.6	1140.0	1150.1	1144.5	1165.1	1189.0
15°	1078.6	1086.9	1080.8	1092.8	1098.1	1092.5	1112.5	1129.8	1122.8	1145.3	1171.7
17.5°	1063.3	1068.0	1059.7	1069.2	1072.2	1064.7	1085.0	1102.0	1097.0	1121.4	1152.0
20°	1046.4	1050.3	1038.6	1043.9	1043.6	1034.1	1052.8	1069.4	1066.1	1093.1	1127.8
22.5°	1027.5	1029.4	1015.8	1016.9	1016.3	1000.8	1017.4	1034.4	1033.0	1060.3	1099.2
25°	1007.4	1007.7	990.2	989.7	983.5	965.2	979.9	999.1	994.9	1024.4	1065.3
27.5°	987.7	984.9	963.8	958.8	949.1	927.1	940.2	957.4	954.9	983.8	1029.1
30°	966.6	963.0	937.1	927.9	913.8	888.5	899.3	915.4	916.8	942.1	989.7
32.5°	946.6	937.4	908.8	895.4	877.6	848.2	854.0	870.4	872.6	898.2	947.1
35°	920.7	914.6	879.3	856.5	839.0	806.7	812.8	824.2	827.6	852.6	902.4
37.5°	896.2	886.5	849.0	821.2	798.7	764.8	766.4	778.1	781.4	806.7	855.9
40°	870.9	857.0	816.7	784.2	758.4	722.8	720.8	733.1	735.6	760.3	804.8
42.5°	844.0	827.3	782.0	746.4	716.7	680.5	676.6	687.2	690.0	714.2	757.8
45°	816.7	796.7	746.4	707.5	675.0	638.0	634.1	642.2	646.3	669.1	711.1
47.5°	787.8	764.5	709.7	666.3	632.7	595.7	591.0	599.1	602.4	624.9	664.7
50°	757.5	729.2	671.9	624.1	590.7	554.3	547.4	556.8	559.9	581.0	619.9
52.5°	724.2	692.8	631.6	581.6	548.2	513.5	505.1	514.3	517.9	538.5	574.3
55°	688.9	654.9	591.0	542.4	506.2	472.3	465.4	469.0	476.8	496.2	529.6
57.5°	649.1	615.5	548.2	498.7	464.0	431.4	425.6	428.9	436.2	455.1	485.1
60°	606.9	571.3	504.6	455.1	421.4	390.6	385.3	388.4	396.1	413.4	441.2
62.5°	565.2	525.1	459.5	410.3	379.7	351.1	349.7	348.6	355.8	372.5	397.0
65°	514.6	476.2	412.5	365.8	338.0	312.2	306.6	309.1	316.1	331.4	356.9
67.5°	460.4	425.6	364.4	321.4	296.6	273.5	268.8	269.9	277.2	290.5	312.7
70°	402.8	372.2	315.2	276.6	255.8	234.1	231.0	231.3	238.2	249.9	269.4
72.5°	342.5	315.0	265.5	232.4	215.2	199.6	196.8	193.5	199.9	209.9	226.6
75°	281.0	256.9	216.0	189.0	175.4	162.3	159.8	156.5	162.9	171.5	184.6
77.5°	219.1	199.6	167.9	147.1	136.5	126.8	124.5	120.9	127.3	133.7	144.0
80°	158.5	144.3	125.4	103.4	99.8	93.4	91.2	87.3	93.4	97.6	105.4
82.5°	102.3	92.8	82.0	66.7	66.2	61.4	60.3	55.9	61.4	63.9	69.8
85°	51.7	47.3	44.5	33.9	35.0	32.0	31.7	27.0	31.4	32.5	35.9
87.5°	14.7	15.6	13.9	8.3	10.6	10.0	10.0	7.2	10.0	10.0	11.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P837778

CATALOG NUMBER: ORLG-12-4-INS-ASY2R-LD4-1HI-27-120-EDD-90

CANDELA DISTRIBUTION (continued):

	295°	305°	315°	325°	335°	345°	355°	360°
0°	1191.7	1191.7	1191.7	1191.7	1191.7	1191.7	1191.7	1191.7
2.5°	1192.9	1197.6	1198.7	1198.4	1201.5	1218.2	1212.6	1218.2
5°	1195.6	1206.2	1209.0	1212.9	1217.9	1236.8	1230.7	1237.3
7.5°	1197.3	1213.2	1219.3	1226.8	1234.8	1256.0	1251.0	1257.6
10°	1197.3	1217.9	1226.8	1239.3	1250.1	1274.6	1269.9	1277.6
12.5°	1192.3	1218.7	1231.2	1248.7	1262.6	1289.0	1287.1	1292.7
15°	1182.0	1214.5	1231.8	1254.3	1271.5	1301.0	1300.2	1306.8
17.5°	1168.1	1207.3	1228.2	1256.5	1278.2	1311.3	1313.2	1316.8
20°	1150.6	1193.7	1220.9	1255.7	1282.9	1319.3	1321.9	1326.9
22.5°	1127.5	1177.3	1210.1	1252.1	1283.5	1322.7	1327.1	1331.9
25°	1100.3	1157.6	1195.9	1245.1	1280.7	1322.4	1328.5	1332.7
27.5°	1069.2	1132.0	1177.9	1234.0	1272.9	1318.0	1325.5	1330.5
30°	1033.0	1104.7	1157.3	1219.5	1262.4	1309.6	1317.7	1322.7
32.5°	995.8	1074.7	1132.8	1200.9	1247.1	1296.3	1303.2	1307.1
35°	955.2	1038.3	1103.3	1177.0	1227.3	1274.9	1280.2	1284.3
37.5°	911.0	998.8	1069.7	1150.1	1199.5	1245.1	1249.9	1254.6
40°	865.4	957.4	1031.9	1117.0	1166.5	1208.7	1213.7	1217.0
42.5°	819.5	911.5	991.6	1078.1	1127.3	1167.8	1170.9	1174.2
45°	773.1	864.0	946.3	1035.0	1083.6	1121.7	1122.8	1125.6
47.5°	725.8	814.8	896.5	985.8	1033.9	1068.6	1069.7	1071.9
50°	678.3	765.6	843.4	932.7	979.6	1016.3	1011.3	1013.6
52.5°	631.6	713.9	793.4	875.4	921.8	954.3	955.7	951.3
55°	585.7	663.3	736.4	815.3	859.5	884.8	884.0	885.7
57.5°	539.3	612.1	679.1	751.4	794.5	818.4	823.4	817.6
60°	492.0	560.4	620.5	685.8	727.5	747.5	753.4	747.8
62.5°	445.1	507.9	562.4	619.4	658.0	682.7	682.2	676.1
65°	398.1	455.1	503.7	552.1	585.7	610.5	609.4	603.8
67.5°	354.7	401.7	445.3	484.5	513.7	530.7	536.5	529.9
70°	306.9	347.5	385.9	417.3	441.5	456.7	462.3	456.5
72.5°	259.1	293.6	320.5	350.8	369.5	382.2	388.1	382.5
75°	211.8	240.2	262.1	285.8	298.8	309.7	316.4	310.8
77.5°	166.0	187.9	205.4	222.7	237.7	240.2	246.0	242.4
80°	122.3	138.2	150.9	162.3	173.2	174.3	179.0	176.8
82.5°	81.5	92.0	95.4	107.3	114.3	113.1	117.9	116.2
85°	43.1	49.5	55.3	58.9	62.8	59.2	63.4	61.7
87.5°	14.5	15.3	13.3	18.9	20.8	17.8	20.3	19.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)