

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: NEO-RAY

Report Number: P1035392

Luminaire Tested: S125DIW-B610D1050UB35-4F0-XX-W2A-A

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1035392
REPORT IS A COMBINATION OF REPORTS P1003748 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIW-B610D1050UB35-4F0-XX-W2A-A
Description: Define 5 Direct/Indirect Wall Mount with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}
Light Source: -
Ballast/Driver: -

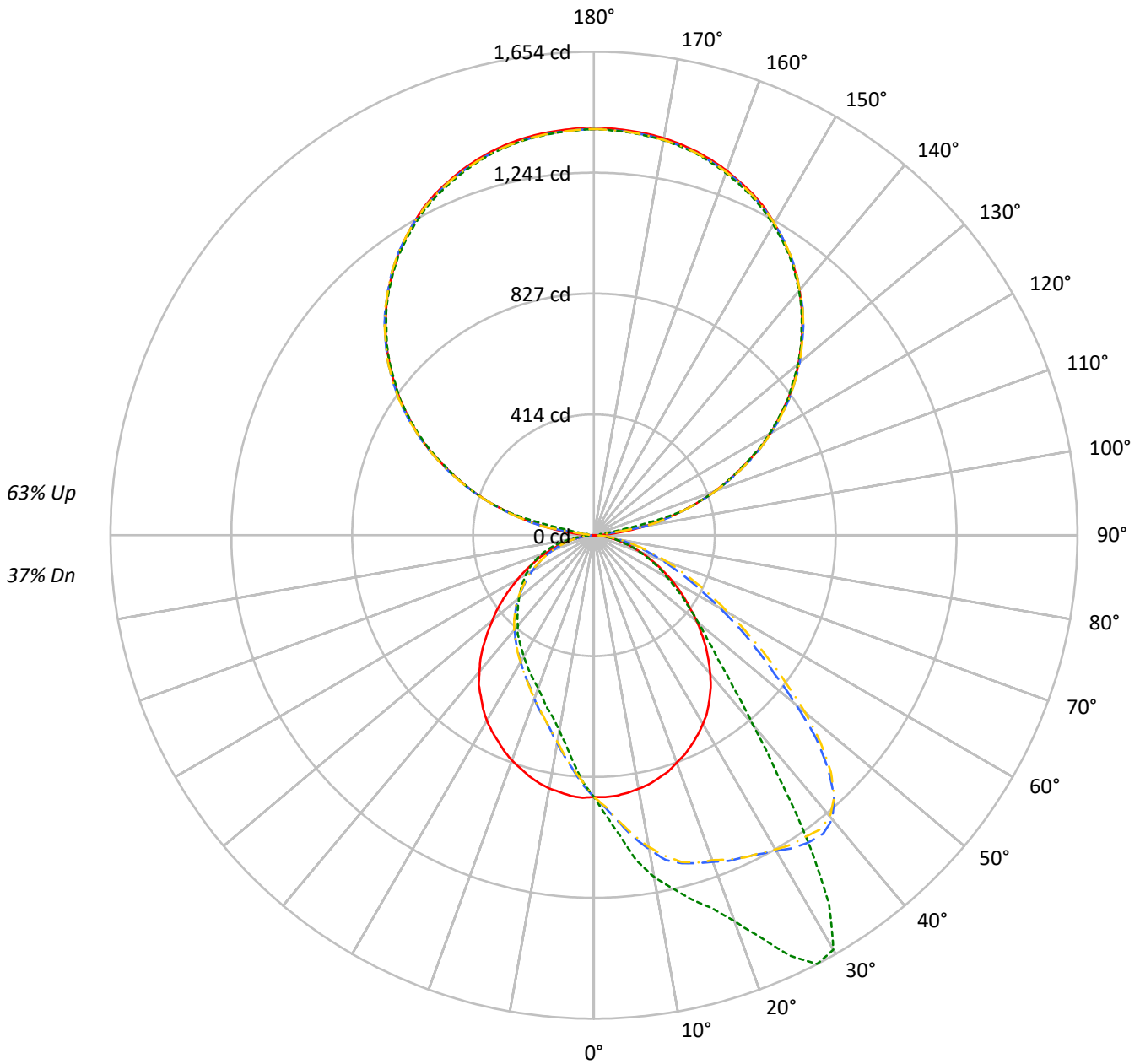
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6797.0 lumens
Efficiency: N/A
Efficacy: 122.5 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 55.5
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: 24 FT

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Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - - - 90°-270° - · - 135°-315°



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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	104	104	104	104	94	94	94	94	76	76	76	60	60	60	44	44	44	37				37
1	95	91	87	84	86	83	79	77	67	65	63	53	51	50	39	39	38	32				32
2	87	80	74	69	78	72	67	63	59	55	52	46	44	42	35	33	32	27				27
3	79	70	63	57	71	64	58	53	52	48	44	41	38	36	31	29	27	23				23
4	72	62	54	48	65	56	50	45	46	41	38	37	33	31	28	26	24	20				20
5	66	55	47	41	60	50	44	38	41	36	32	33	29	26	25	23	21	17				17
6	61	49	42	36	55	45	38	33	37	32	28	30	26	23	23	20	18	15				15
7	56	45	37	31	51	41	34	29	34	28	25	27	23	20	21	18	16	13				13
8	52	40	33	28	47	37	30	26	31	26	22	25	21	18	19	16	14	12				12
9	49	37	29	24	44	34	27	23	28	23	20	23	19	16	18	15	13	11				11
10	45	34	27	22	41	31	25	20	26	21	17	21	17	15	16	14	12	10				10

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	5736	5736	5736	5736
5°	5740	6506	5745	4936
10°	5705	7416	5695	4237
15°	5663	8040	5628	3828
20°	5591	8811	5540	3495
25°	5528	10096	5427	3297
30°	5437	10651	5342	3119
35°	5293	8538	5181	2975
40°	5068	5901	4992	2823
45°	4782	4393	4729	2697
50°	4457	3617	4384	2596
55°	4106	3085	4074	2508
60°	3761	2640	3696	2441
65°	3390	2280	3335	2341
70°	2997	1894	2957	2169
75°	2581	1464	2547	1882
80°	2039	991	1965	1383
85°	1304	496	1258	705

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°
 Vertical Angle: 45°
 Luminance: 8760 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.2	1.3
10°-20°	256.6	3.8
20°-30°	416.8	6.1
30°-40°	509.4	7.5
40°-50°	462.1	6.8
50°-60°	368.1	5.4
60°-70°	256.4	3.8
70°-80°	136.6	2.0
80°-90°	35.9	0.5
90°-100°	47.2	0.7
100°-110°	313.6	4.6
110°-120°	564.8	8.3
120°-130°	725.0	10.7
130°-140°	779.7	11.5
140°-150°	731.8	10.8
150°-160°	592.0	8.7
160°-170°	382.8	5.6
170°-180°	132.0	1.9
0°-30°	759.6	11.2
0°-40°	1269.1	18.7
0°-60°	2099.2	30.9
0°-90°	2528.1	37.2
90°-120°	925.6	13.6
90°-150°	3162.1	46.5
90°-180°	4269.0	62.8
0°-180°	6797.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	895	895	895	895	895	
5°	894	1033	895	784	894	85
15°	859	1290	854	614	859	243
25°	791	1587	777	518	791	364
35°	688	1274	674	444	688	430
45°	541	600	535	368	541	417
55°	381	370	378	301	381	340
65°	236	227	232	233	236	234
75°	114	112	112	144	114	121
85°	23	25	22	36	23	27
90°	1	25	1	25	1	5
95°	59	22	59	22	59	72
105°	303	306	303	306	303	321
115°	569	564	569	564	569	564
125°	809	809	809	809	809	722
135°	1009	1004	1009	1004	1009	778
145°	1169	1166	1169	1166	1169	731
155°	1288	1278	1288	1278	1288	593
165°	1359	1352	1359	1352	1359	384
175°	1390	1384	1390	1384	1390	132
180°	1390	1390	1390	1390	1390	



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	504.8	505.5	506.2	506.9	507.6	507.9	508.0	508.2	508.5	508.7	508.9
115°	568.7	569.8	571.0	572.1	573.2	573.8	573.9	574.1	574.4	574.6	574.8
117.5°	635.6	635.6	635.6	635.6	635.6	635.6	636.1	637.0	637.9	638.8	639.7
120°	697.4	697.2	697.0	696.7	696.5	696.4	696.7	697.4	698.1	698.8	699.5
122.5°	752.0	753.2	754.3	755.5	756.6	757.2	757.3	757.5	757.8	758.0	758.2
125°	808.7	810.3	811.9	813.5	815.1	815.9	815.9	815.9	815.9	815.9	815.9
127.5°	863.3	864.4	865.6	866.7	867.8	868.4	868.3	868.1	867.8	867.6	867.4
130°	912.7	913.9	915.0	916.2	917.3	917.9	918.0	918.2	918.5	918.7	918.9
132.5°	962.2	963.6	965.0	966.3	967.7	968.4	968.1	967.4	966.7	966.0	965.3
135°	1008.6	1010.0	1011.3	1012.7	1014.0	1014.7	1014.5	1014.0	1013.6	1013.1	1012.7
137.5°	1051.8	1053.2	1054.6	1055.9	1057.3	1058.0	1057.8	1057.3	1056.8	1056.4	1055.9
140°	1094.1	1094.5	1095.0	1095.4	1095.9	1096.1	1096.0	1095.8	1095.5	1095.3	1095.1
142.5°	1132.2	1132.4	1132.6	1132.9	1133.1	1133.2	1133.4	1133.9	1134.4	1134.8	1135.3
145°	1169.3	1169.7	1170.2	1170.6	1171.1	1171.3	1171.3	1171.3	1171.3	1171.3	1171.3
147.5°	1202.2	1202.2	1202.2	1202.2	1202.2	1202.2	1202.3	1202.6	1202.8	1203.1	1203.3
150°	1233.1	1232.7	1232.2	1231.8	1231.3	1231.1	1231.3	1231.8	1232.2	1232.7	1233.1
152.5°	1263.0	1261.9	1260.7	1259.6	1258.5	1257.9	1258.1	1258.6	1259.0	1259.5	1259.9
155°	1287.7	1286.3	1285.0	1283.6	1282.3	1281.6	1281.8	1282.3	1282.7	1283.2	1283.6
157.5°	1307.3	1306.6	1305.9	1305.2	1304.5	1304.2	1304.2	1304.2	1304.2	1304.2	1304.2
160°	1327.9	1326.5	1325.1	1323.8	1322.4	1321.7	1321.8	1322.1	1322.3	1322.6	1322.8
162.5°	1344.4	1343.0	1341.6	1340.3	1338.9	1338.2	1338.3	1338.5	1338.8	1339.0	1339.2
165°	1358.8	1357.4	1356.0	1354.7	1353.3	1352.6	1352.7	1353.0	1353.2	1353.5	1353.7
167.5°	1370.2	1368.8	1367.4	1366.1	1364.7	1364.0	1364.1	1364.3	1364.6	1364.8	1365.0
170°	1379.4	1377.8	1376.2	1374.6	1373.0	1372.2	1372.3	1372.5	1372.8	1373.0	1373.2
172.5°	1385.6	1384.0	1382.4	1380.8	1379.2	1378.4	1378.6	1379.1	1379.6	1380.0	1380.5
175°	1389.7	1388.3	1386.9	1385.6	1384.2	1383.5	1383.6	1383.9	1384.1	1384.4	1384.6
177.5°	1392.8	1391.4	1390.0	1388.7	1387.3	1386.6	1386.7	1387.0	1387.2	1387.5	1387.7
180°	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	508.0	507.1	506.2	505.3	504.8	504.6	504.1	503.6	503.2	502.7	503.2
115°	573.9	573.0	572.1	571.2	570.7	570.0	568.6	567.3	565.9	564.5	565.9
117.5°	638.3	637.0	635.6	634.3	633.6	633.4	632.9	632.4	632.0	631.5	632.0
120°	699.0	698.6	698.1	697.6	697.4	696.8	695.7	694.6	693.4	692.3	693.4
122.5°	757.8	757.3	756.9	756.4	756.2	755.5	754.1	752.8	751.4	750.0	751.4
125°	815.0	814.1	813.2	812.3	811.8	811.5	810.8	810.1	809.4	808.7	809.4
127.5°	867.0	866.5	866.1	865.6	865.4	864.5	862.6	860.8	858.9	857.1	858.9
130°	918.2	917.5	916.8	916.1	915.8	915.2	914.1	913.0	911.8	910.7	911.8
132.5°	965.3	965.3	965.3	965.3	965.3	964.7	963.6	962.4	961.3	960.1	961.3
135°	1012.2	1011.8	1011.3	1010.8	1010.6	1009.9	1008.5	1007.2	1005.8	1004.4	1005.8
137.5°	1055.9	1055.9	1055.9	1055.9	1055.9	1055.3	1054.2	1053.1	1051.9	1050.8	1051.9
140°	1095.6	1096.0	1096.5	1097.0	1097.2	1096.5	1095.1	1093.8	1092.4	1091.0	1092.4
142.5°	1135.3	1135.3	1135.3	1135.3	1135.3	1134.6	1133.2	1131.9	1130.5	1129.1	1130.5
145°	1171.5	1171.8	1172.0	1172.3	1172.4	1171.7	1170.3	1169.0	1167.6	1166.2	1167.6
147.5°	1203.5	1203.7	1204.0	1204.2	1204.3	1203.5	1201.9	1200.3	1198.7	1197.1	1198.7
150°	1233.6	1234.0	1234.5	1235.0	1235.2	1234.3	1232.5	1230.6	1228.8	1227.0	1228.8
152.5°	1260.4	1260.8	1261.3	1261.8	1262.0	1261.2	1259.6	1258.0	1256.4	1254.8	1256.4
155°	1284.3	1285.0	1285.7	1286.4	1286.7	1285.8	1284.0	1282.1	1280.3	1278.5	1280.3
157.5°	1304.9	1305.6	1306.3	1307.0	1307.3	1306.4	1304.6	1302.7	1300.9	1299.1	1300.9
160°	1323.7	1324.6	1325.5	1326.4	1326.9	1326.0	1324.1	1322.3	1320.4	1318.6	1320.4
162.5°	1340.6	1342.0	1343.3	1344.7	1345.4	1344.4	1342.3	1340.3	1338.2	1336.2	1338.2
165°	1355.1	1356.4	1357.8	1359.1	1359.8	1358.9	1357.1	1355.2	1353.4	1351.6	1353.4
167.5°	1366.6	1368.2	1369.8	1371.4	1372.2	1371.2	1369.1	1367.0	1365.0	1362.9	1365.0
170°	1375.0	1376.9	1378.7	1380.6	1381.5	1380.5	1378.4	1376.3	1374.3	1372.2	1374.3
172.5°	1382.1	1383.7	1385.3	1386.9	1387.7	1386.7	1384.6	1382.5	1380.5	1378.4	1380.5
175°	1386.4	1388.2	1390.1	1391.9	1392.8	1391.8	1389.7	1387.6	1385.6	1383.5	1385.6
177.5°	1389.3	1390.9	1392.5	1394.1	1394.9	1394.0	1392.1	1390.3	1388.4	1386.6	1388.4
180°	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7



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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2
2.5°	958.2	952.9	954.4	952.9	949.1	946.8	940.7	933.2	930.1	926.3	924.0
5°	1035.0	1031.2	1030.4	1024.3	1022.8	1013.7	998.5	990.9	981.8	972.7	963.5
7.5°	1118.6	1114.0	1098.8	1096.5	1098.0	1086.6	1066.9	1051.7	1032.7	1019.8	1002.3
10°	1187.7	1178.6	1165.7	1166.4	1161.1	1145.9	1126.2	1110.2	1082.8	1066.1	1041.1
12.5°	1229.5	1221.9	1220.4	1212.8	1208.2	1188.5	1164.9	1144.4	1123.9	1101.1	1082.1
15°	1280.4	1270.5	1263.7	1253.1	1250.0	1229.5	1203.7	1180.1	1156.6	1135.3	1095.0
17.5°	1336.7	1326.0	1300.2	1297.9	1279.7	1259.9	1234.8	1199.9	1174.8	1144.4	1114.8
20°	1400.5	1385.3	1351.9	1343.5	1329.1	1296.4	1262.2	1223.4	1183.2	1152.0	1117.0
22.5°	1471.9	1445.3	1421.0	1394.4	1383.8	1343.5	1296.4	1249.3	1200.6	1158.1	1116.3
25°	1564.6	1529.7	1495.5	1468.9	1450.6	1398.2	1335.1	1272.8	1216.6	1161.1	1106.4
27.5°	1637.6	1607.2	1569.9	1535.0	1511.4	1449.1	1376.9	1296.4	1226.5	1158.8	1100.3
30°	1642.9	1633.8	1611.0	1592.0	1566.1	1499.3	1419.5	1328.3	1241.7	1159.6	1088.2
32.5°	1543.3	1561.6	1571.5	1574.5	1569.2	1530.4	1457.5	1357.2	1255.3	1152.8	1077.5
35°	1329.1	1377.7	1437.7	1460.5	1482.6	1503.1	1465.1	1377.7	1259.9	1151.2	1060.8
37.5°	1094.2	1138.3	1237.9	1283.5	1309.3	1390.6	1421.8	1374.6	1269.0	1152.8	1044.9
40°	883.0	952.9	1024.3	1085.9	1126.2	1217.4	1313.9	1324.5	1256.1	1138.3	1024.3
42.5°	743.2	784.2	838.2	895.2	930.9	1038.8	1169.5	1246.2	1215.8	1114.8	999.3
45°	633.0	663.4	714.3	733.3	778.9	882.2	1020.5	1131.5	1146.7	1077.5	970.4
47.5°	543.3	569.2	601.8	625.4	661.9	739.4	856.4	978.7	1051.7	1026.6	930.1
50°	478.7	500.0	527.4	541.0	564.6	634.5	722.7	844.2	942.3	950.6	877.7
52.5°	424.8	436.9	458.2	473.4	492.4	535.0	614.8	715.1	825.2	870.8	813.1
55°	377.7	387.5	406.5	416.4	426.3	462.8	525.1	616.3	719.6	779.7	747.0
57.5°	335.1	343.5	359.4	368.5	373.9	408.8	456.7	528.1	620.8	693.8	675.5
60°	300.2	307.8	316.9	323.7	329.8	358.7	392.1	449.9	532.7	603.4	598.8
62.5°	262.9	269.8	279.6	286.5	291.8	310.0	338.2	382.2	452.9	518.2	531.2
65°	230.2	235.6	242.4	245.4	252.3	266.0	288.8	328.3	386.0	444.5	453.7
67.5°	200.6	202.1	206.7	213.5	215.1	227.2	247.7	277.4	322.2	370.1	384.5
70°	168.7	171.0	174.8	180.1	183.1	190.7	208.2	228.0	266.7	308.5	319.2
72.5°	140.6	143.6	145.1	148.2	149.7	161.9	169.5	189.2	215.8	250.8	262.2
75°	114.0	117.0	117.8	119.3	120.8	126.1	136.8	148.9	171.0	193.8	209.0
77.5°	90.4	89.7	91.2	93.5	92.7	97.3	104.1	114.7	129.2	148.2	158.1
80°	63.8	63.8	66.1	68.4	67.6	72.2	74.5	82.1	94.2	106.4	110.2
82.5°	42.6	42.6	44.8	44.8	46.4	47.1	50.2	54.0	63.8	69.9	72.2
85°	24.3	24.3	25.1	25.1	25.1	26.6	28.9	30.4	33.4	37.2	38.8
87.5°	9.9	10.6	10.6	10.6	10.6	12.2	12.2	13.7	14.4	16.0	16.0
90°	23.3	22.6	21.9	21.6	21.0	19.9	18.8	17.6	16.5	14.9	13.3
92.5°	22.2	22.0	21.7	21.6	21.0	19.9	18.8	17.6	16.5	15.1	13.7
95°	21.6	21.6	21.6	21.6	21.0	19.9	18.8	17.6	16.5	25.2	33.9
97.5°	21.2	20.9	20.7	20.6	20.4	19.9	19.4	19.0	18.5	40.3	62.0
100°	23.5	24.4	25.3	25.8	42.9	77.0	111.1	145.2	179.3	178.4	177.4
102.5°	195.0	214.3	233.5	243.1	242.9	242.4	242.0	241.5	241.1	240.6	240.2
105°	306.4	306.7	306.9	307.0	307.0	307.0	307.0	307.0	307.0	307.0	307.0
107.5°	373.7	374.6	375.5	376.0	375.9	375.7	375.4	375.2	375.0	374.5	374.1
110°	440.5	440.2	440.0	439.9	440.2	440.9	441.6	442.3	443.0	442.5	442.1



TEST NUMBER: P1035392

CATALOG NUMBER: S125DIW-B610D1050UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	503.6	504.1	504.6	504.8	505.3	506.2	507.1	508.0	508.9	508.7	508.5
115°	567.3	568.6	570.0	570.7	571.2	572.1	573.0	573.9	574.8	574.6	574.4
117.5°	632.4	632.9	633.4	633.6	634.3	635.6	637.0	638.3	639.7	638.8	637.9
120°	694.6	695.7	696.8	697.4	697.6	698.1	698.6	699.0	699.5	698.8	698.1
122.5°	752.8	754.1	755.5	756.2	756.4	756.9	757.3	757.8	758.2	758.0	757.8
125°	810.1	810.8	811.5	811.8	812.3	813.2	814.1	815.0	815.9	815.9	815.9
127.5°	860.8	862.6	864.5	865.4	865.6	866.1	866.5	867.0	867.4	867.6	867.8
130°	913.0	914.1	915.2	915.8	916.1	916.8	917.5	918.2	918.9	918.7	918.5
132.5°	962.4	963.6	964.7	965.3	965.3	965.3	965.3	965.3	965.3	966.0	966.7
135°	1007.2	1008.5	1009.9	1010.6	1010.8	1011.3	1011.8	1012.2	1012.7	1013.1	1013.6
137.5°	1053.1	1054.2	1055.3	1055.9	1055.9	1055.9	1055.9	1055.9	1055.9	1056.4	1056.8
140°	1093.8	1095.1	1096.5	1097.2	1097.0	1096.5	1096.0	1095.6	1095.1	1095.3	1095.5
142.5°	1131.9	1133.2	1134.6	1135.3	1135.3	1135.3	1135.3	1135.3	1135.3	1134.8	1134.4
145°	1169.0	1170.3	1171.7	1172.4	1172.3	1172.0	1171.8	1171.5	1171.3	1171.3	1171.3
147.5°	1200.3	1201.9	1203.5	1204.3	1204.2	1204.0	1203.7	1203.5	1203.3	1203.1	1202.8
150°	1230.6	1232.5	1234.3	1235.2	1235.0	1234.5	1234.0	1233.6	1233.1	1232.7	1232.2
152.5°	1258.0	1259.6	1261.2	1262.0	1261.8	1261.3	1260.8	1260.4	1259.9	1259.5	1259.0
155°	1282.1	1284.0	1285.8	1286.7	1286.4	1285.7	1285.0	1284.3	1283.6	1283.2	1282.7
157.5°	1302.7	1304.6	1306.4	1307.3	1307.0	1306.3	1305.6	1304.9	1304.2	1304.2	1304.2
160°	1322.3	1324.1	1326.0	1326.9	1326.4	1325.5	1324.6	1323.7	1322.8	1322.6	1322.3
162.5°	1340.3	1342.3	1344.4	1345.4	1344.7	1343.3	1342.0	1340.6	1339.2	1339.0	1338.8
165°	1355.2	1357.1	1358.9	1359.8	1359.1	1357.8	1356.4	1355.1	1353.7	1353.5	1353.2
167.5°	1367.0	1369.1	1371.2	1372.2	1371.4	1369.8	1368.2	1366.6	1365.0	1364.8	1364.6
170°	1376.3	1378.4	1380.5	1381.5	1380.6	1378.7	1376.9	1375.0	1373.2	1373.0	1372.8
172.5°	1382.5	1384.6	1386.7	1387.7	1386.9	1385.3	1383.7	1382.1	1380.5	1380.0	1379.6
175°	1387.6	1389.7	1391.8	1392.8	1391.9	1390.1	1388.2	1386.4	1384.6	1384.4	1384.1
177.5°	1390.3	1392.1	1394.0	1394.9	1394.1	1392.5	1390.9	1389.3	1387.7	1387.5	1387.2
180°	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7



TEST NUMBER: P1035392
 CATALOG NUMBER: S125DIW-B610D1050UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2
2.5°	921.0	917.2	912.6	912.6	907.3	905.0	900.5	899.0	895.2	889.1	884.5
5°	953.7	943.8	937.7	932.4	921.0	912.6	904.3	895.2	886.0	875.4	863.2
7.5°	985.6	967.3	959.0	949.9	933.2	915.7	899.0	886.8	874.6	857.9	842.7
10°	1019.0	996.2	981.0	968.9	943.0	921.0	896.7	879.2	860.2	838.9	819.2
12.5°	1047.1	1017.5	1004.6	981.8	952.1	925.6	895.2	868.6	843.5	818.4	794.1
15°	1070.7	1042.6	1010.7	1001.5	960.5	922.5	888.3	854.1	823.0	797.9	769.8
17.5°	1078.3	1042.6	1026.6	1004.6	955.9	916.4	873.1	835.9	806.2	769.0	747.0
20°	1080.6	1046.4	1024.3	1003.8	960.5	908.1	865.5	819.9	784.2	747.0	712.0
22.5°	1074.5	1034.2	1012.9	993.2	944.5	899.7	850.3	800.2	758.4	724.2	689.2
25°	1063.1	1016.0	995.5	974.2	927.8	878.4	824.5	776.6	737.9	696.8	662.6
27.5°	1047.9	993.9	970.4	948.3	902.8	856.4	805.5	756.1	712.8	669.5	637.6
30°	1028.9	966.6	945.3	916.4	872.4	828.3	781.9	732.5	683.9	642.9	607.9
32.5°	1004.6	939.2	911.1	883.8	835.9	795.6	751.5	705.2	658.1	617.8	581.3
35°	982.5	908.1	876.9	849.6	796.4	753.8	717.3	674.0	632.2	590.4	557.8
37.5°	952.9	876.9	839.7	811.6	757.6	714.3	680.1	646.7	602.6	562.3	531.9
40°	921.8	838.2	803.2	775.1	718.9	671.7	639.1	609.4	573.7	536.5	504.6
42.5°	893.6	800.9	763.7	729.5	672.5	630.7	597.3	574.5	541.8	508.4	479.5
45°	857.9	761.4	721.1	685.4	630.7	585.1	553.2	535.0	510.6	478.0	452.9
47.5°	821.4	718.9	677.1	642.1	582.8	542.6	511.4	493.9	477.2	451.4	426.3
50°	773.6	674.0	636.0	595.8	537.2	496.2	470.4	452.9	440.0	421.7	400.5
52.5°	721.1	627.7	586.6	551.7	493.9	456.7	427.1	417.2	404.3	390.6	372.3
55°	665.7	577.5	538.0	503.8	450.6	412.6	388.3	377.7	367.8	357.2	345.0
57.5°	610.2	525.1	487.9	457.5	408.1	371.6	351.8	337.4	330.6	324.5	314.6
60°	541.0	468.9	440.0	412.6	364.0	330.6	311.6	300.9	294.8	291.8	287.2
62.5°	480.3	421.0	389.1	362.5	323.7	294.1	275.8	267.5	262.2	260.6	255.3
65°	415.7	364.7	339.7	316.9	283.4	256.8	241.6	231.8	228.0	227.2	227.2
67.5°	354.9	313.8	288.8	272.8	243.9	220.4	205.9	202.1	199.9	196.8	196.1
70°	297.9	265.2	243.2	229.5	203.7	186.2	174.8	168.7	168.7	166.4	164.9
72.5°	247.7	215.1	200.6	189.2	167.9	152.7	144.4	142.9	137.5	136.8	136.8
75°	193.8	169.5	159.6	149.7	133.7	123.1	116.3	112.5	109.4	109.4	110.2
77.5°	145.9	129.2	120.1	112.5	101.1	94.2	88.9	87.4	84.3	84.3	84.3
80°	103.3	94.2	87.4	81.3	72.9	66.9	63.8	60.8	60.8	60.0	60.8
82.5°	66.9	59.3	55.5	54.7	47.1	44.8	41.0	41.8	39.5	38.8	40.3
85°	38.8	35.0	30.4	28.9	25.8	22.8	21.3	22.0	21.3	20.5	21.3
87.5°	15.2	12.9	12.2	12.2	9.9	9.1	8.4	9.1	7.6	7.6	8.4
90°	11.7	10.1	9.3	8.4	6.5	4.7	2.8	1.0	2.8	4.7	6.5
92.5°	12.4	11.0	10.3	11.3	13.4	15.5	17.5	19.6	17.5	15.5	13.4
95°	42.6	51.3	55.6	55.9	56.6	57.3	58.0	58.7	58.0	57.3	56.6
97.5°	83.8	105.5	116.4	115.7	114.3	113.0	111.6	110.2	111.6	113.0	114.3
100°	176.5	175.6	175.1	174.8	174.1	173.4	172.7	172.0	172.7	173.4	174.1
102.5°	239.7	239.2	239.0	238.5	237.6	236.7	235.8	234.9	235.8	236.7	237.6
105°	307.0	307.0	307.0	306.5	305.6	304.7	303.8	302.9	303.8	304.7	305.6
107.5°	373.6	373.1	372.9	372.9	372.9	372.9	372.9	372.9	372.9	372.9	372.9
110°	441.6	441.1	440.9	440.9	440.9	440.9	440.9	440.9	440.9	440.9	440.9



TEST NUMBER: P1035392

CATALOG NUMBER: S125DIW-B610D1050UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	508.2	508.0	507.9	507.6	506.9	506.2	505.5	504.8	505.5	506.2	506.9
115°	574.1	573.9	573.8	573.2	572.1	571.0	569.8	568.7	569.8	571.0	572.1
117.5°	637.0	636.1	635.6	635.6	635.6	635.6	635.6	635.6	635.6	635.6	635.6
120°	697.4	696.7	696.4	696.5	696.7	697.0	697.2	697.4	697.2	697.0	696.7
122.5°	757.5	757.3	757.2	756.6	755.5	754.3	753.2	752.0	753.2	754.3	755.5
125°	815.9	815.9	815.9	815.1	813.5	811.9	810.3	808.7	810.3	811.9	813.5
127.5°	868.1	868.3	868.4	867.8	866.7	865.6	864.4	863.3	864.4	865.6	866.7
130°	918.2	918.0	917.9	917.3	916.2	915.0	913.9	912.7	913.9	915.0	916.2
132.5°	967.4	968.1	968.4	967.7	966.3	965.0	963.6	962.2	963.6	965.0	966.3
135°	1014.0	1014.5	1014.7	1014.0	1012.7	1011.3	1010.0	1008.6	1010.0	1011.3	1012.7
137.5°	1057.3	1057.8	1058.0	1057.3	1055.9	1054.6	1053.2	1051.8	1053.2	1054.6	1055.9
140°	1095.8	1096.0	1096.1	1095.9	1095.4	1095.0	1094.5	1094.1	1094.5	1095.0	1095.4
142.5°	1133.9	1133.4	1133.2	1133.1	1132.9	1132.6	1132.4	1132.2	1132.4	1132.6	1132.9
145°	1171.3	1171.3	1171.3	1171.1	1170.6	1170.2	1169.7	1169.3	1169.7	1170.2	1170.6
147.5°	1202.6	1202.3	1202.2	1202.2	1202.2	1202.2	1202.2	1202.2	1202.2	1202.2	1202.2
150°	1231.8	1231.3	1231.1	1231.3	1231.8	1232.2	1232.7	1233.1	1232.7	1232.2	1231.8
152.5°	1258.6	1258.1	1257.9	1258.5	1259.6	1260.7	1261.9	1263.0	1261.9	1260.7	1259.6
155°	1282.3	1281.8	1281.6	1282.3	1283.6	1285.0	1286.3	1287.7	1286.3	1285.0	1283.6
157.5°	1304.2	1304.2	1304.2	1304.5	1305.2	1305.9	1306.6	1307.3	1306.6	1305.9	1305.2
160°	1322.1	1321.8	1321.7	1322.4	1323.8	1325.1	1326.5	1327.9	1326.5	1325.1	1323.8
162.5°	1338.5	1338.3	1338.2	1338.9	1340.3	1341.6	1343.0	1344.4	1343.0	1341.6	1340.3
165°	1353.0	1352.7	1352.6	1353.3	1354.7	1356.0	1357.4	1358.8	1357.4	1356.0	1354.7
167.5°	1364.3	1364.1	1364.0	1364.7	1366.1	1367.4	1368.8	1370.2	1368.8	1367.4	1366.1
170°	1372.5	1372.3	1372.2	1373.0	1374.6	1376.2	1377.8	1379.4	1377.8	1376.2	1374.6
172.5°	1379.1	1378.6	1378.4	1379.2	1380.8	1382.4	1384.0	1385.6	1384.0	1382.4	1380.8
175°	1383.9	1383.6	1383.5	1384.2	1385.6	1386.9	1388.3	1389.7	1388.3	1386.9	1385.6
177.5°	1387.0	1386.7	1386.6	1387.3	1388.7	1390.0	1391.4	1392.8	1391.4	1390.0	1388.7
180°	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7



TEST NUMBER: P1035392
 CATALOG NUMBER: S125DIW-B610D1050UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2
2.5°	883.0	881.5	877.7	875.4	867.8	858.7	855.6	848.0	851.1	845.8	845.8
5°	859.4	852.6	848.0	841.2	826.8	816.9	806.2	800.9	797.9	794.1	791.1
7.5°	829.0	823.7	819.2	806.2	790.3	776.6	763.7	758.4	748.5	741.7	738.6
10°	802.4	794.8	784.2	769.0	752.3	734.8	723.4	712.0	704.4	700.6	692.3
12.5°	775.1	766.0	754.6	732.5	714.3	703.7	683.1	672.5	668.7	665.7	655.8
15°	747.0	737.1	723.4	702.9	686.9	661.9	649.7	641.4	632.2	631.5	623.9
17.5°	721.9	709.7	698.3	673.3	653.5	631.5	624.6	615.5	607.2	598.0	594.2
20°	690.0	678.6	670.2	642.9	620.8	607.2	595.8	588.2	582.8	573.7	572.2
22.5°	661.1	648.9	637.6	617.0	598.0	580.6	566.9	558.5	556.2	552.4	545.6
25°	633.0	620.8	607.2	588.2	568.4	556.2	544.1	538.8	534.2	528.1	522.8
27.5°	609.4	598.0	585.1	561.6	544.8	535.7	522.8	516.7	510.6	507.6	505.3
30°	581.3	568.4	558.5	540.3	522.0	509.9	500.8	495.5	490.1	487.1	485.6
32.5°	554.0	541.8	535.0	515.2	500.8	486.3	479.5	475.7	472.7	469.6	466.6
35°	531.9	519.8	509.1	490.9	476.5	466.6	461.3	455.2	452.9	449.9	449.9
37.5°	504.6	495.5	484.8	467.3	454.4	446.8	442.3	434.7	433.9	432.4	430.1
40°	481.0	471.9	462.0	446.8	435.4	426.3	420.2	416.4	414.1	412.6	411.1
42.5°	455.9	446.1	441.5	424.0	414.1	405.0	402.0	398.2	397.4	394.4	390.6
45°	431.6	423.3	414.1	401.2	392.9	385.3	380.7	377.7	373.9	373.1	370.8
47.5°	410.3	400.5	392.1	379.9	370.8	364.7	360.9	357.2	354.1	351.8	349.6
50°	383.0	375.4	368.5	355.6	348.0	342.0	336.6	333.6	330.6	330.6	330.6
52.5°	356.4	349.6	343.5	334.4	325.2	319.9	313.8	311.6	310.0	307.8	310.0
55°	330.6	323.7	317.6	310.8	300.2	295.6	289.5	287.2	288.0	288.0	290.3
57.5°	303.2	297.9	294.1	285.7	275.8	271.3	267.5	265.2	265.2	268.2	269.0
60°	276.6	271.3	264.4	256.8	250.8	245.4	243.2	243.9	243.9	245.4	249.2
62.5°	247.0	243.9	240.1	229.5	225.7	221.9	218.8	221.1	220.4	224.2	229.5
65°	219.6	216.6	211.3	205.9	201.4	197.6	196.8	197.6	199.1	202.9	209.0
67.5°	189.2	189.2	184.7	180.1	176.3	172.5	173.3	174.0	175.5	180.1	189.2
70°	164.1	161.1	156.5	153.5	150.5	148.9	147.4	150.5	155.0	158.1	164.9
72.5°	136.8	134.5	130.7	127.7	126.9	125.4	124.6	126.1	130.7	136.0	143.6
75°	107.9	108.7	106.4	104.1	104.1	101.8	103.3	103.3	107.9	113.2	119.3
77.5°	83.6	82.8	82.1	80.5	79.8	79.8	79.8	81.3	85.9	88.9	95.0
80°	59.3	60.0	57.8	58.5	57.8	58.5	58.5	61.6	63.8	67.6	72.2
82.5°	39.5	39.5	38.0	38.8	38.8	38.8	39.5	41.0	44.1	47.1	50.2
85°	22.0	22.8	21.3	22.8	22.8	22.8	23.6	24.3	26.6	27.4	30.4
87.5°	8.4	9.9	9.9	8.4	9.1	9.9	10.6	9.9	11.4	12.9	13.7
90°	8.4	9.3	10.1	11.7	13.3	14.9	16.5	17.6	18.8	19.9	21.0
92.5°	11.3	10.3	11.0	12.4	13.7	15.1	16.5	17.6	18.8	19.9	21.0
95°	55.9	55.6	51.3	42.6	33.9	25.2	16.5	17.6	18.8	19.9	21.0
97.5°	115.7	116.4	105.5	83.8	62.0	40.3	18.5	19.0	19.4	19.9	20.4
100°	174.8	175.1	175.6	176.5	177.4	178.4	179.3	145.2	111.1	77.0	42.9
102.5°	238.5	239.0	239.2	239.7	240.2	240.6	241.1	241.5	242.0	242.4	242.9
105°	306.5	307.0	307.0	307.0	307.0	307.0	307.0	307.0	307.0	307.0	307.0
107.5°	372.9	372.9	373.1	373.6	374.1	374.5	375.0	375.2	375.4	375.7	375.9
110°	440.9	440.9	441.1	441.6	442.1	442.5	443.0	442.3	441.6	440.9	440.2



TEST NUMBER: P1035392

CATALOG NUMBER: S125DIW-B610D1050UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	507.6	507.9	508.0	508.2	508.5	508.7	508.9	508.0	507.1	506.2	505.3
115°	573.2	573.8	573.9	574.1	574.4	574.6	574.8	573.9	573.0	572.1	571.2
117.5°	635.6	635.6	636.1	637.0	637.9	638.8	639.7	638.3	637.0	635.6	634.3
120°	696.5	696.4	696.7	697.4	698.1	698.8	699.5	699.0	698.6	698.1	697.6
122.5°	756.6	757.2	757.3	757.5	757.8	758.0	758.2	757.8	757.3	756.9	756.4
125°	815.1	815.9	815.9	815.9	815.9	815.9	815.9	815.0	814.1	813.2	812.3
127.5°	867.8	868.4	868.3	868.1	867.8	867.6	867.4	867.0	866.5	866.1	865.6
130°	917.3	917.9	918.0	918.2	918.5	918.7	918.9	918.2	917.5	916.8	916.1
132.5°	967.7	968.4	968.1	967.4	966.7	966.0	965.3	965.3	965.3	965.3	965.3
135°	1014.0	1014.7	1014.5	1014.0	1013.6	1013.1	1012.7	1012.2	1011.8	1011.3	1010.8
137.5°	1057.3	1058.0	1057.8	1057.3	1056.8	1056.4	1055.9	1055.9	1055.9	1055.9	1055.9
140°	1095.9	1096.1	1096.0	1095.8	1095.5	1095.3	1095.1	1095.6	1096.0	1096.5	1097.0
142.5°	1133.1	1133.2	1133.4	1133.9	1134.4	1134.8	1135.3	1135.3	1135.3	1135.3	1135.3
145°	1171.1	1171.3	1171.3	1171.3	1171.3	1171.3	1171.3	1171.5	1171.8	1172.0	1172.3
147.5°	1202.2	1202.2	1202.3	1202.6	1202.8	1203.1	1203.3	1203.5	1203.7	1204.0	1204.2
150°	1231.3	1231.1	1231.3	1231.8	1232.2	1232.7	1233.1	1233.6	1234.0	1234.5	1235.0
152.5°	1258.5	1257.9	1258.1	1258.6	1259.0	1259.5	1259.9	1260.4	1260.8	1261.3	1261.8
155°	1282.3	1281.6	1281.8	1282.3	1282.7	1283.2	1283.6	1284.3	1285.0	1285.7	1286.4
157.5°	1304.5	1304.2	1304.2	1304.2	1304.2	1304.2	1304.2	1304.9	1305.6	1306.3	1307.0
160°	1322.4	1321.7	1321.8	1322.1	1322.3	1322.6	1322.8	1323.7	1324.6	1325.5	1326.4
162.5°	1338.9	1338.2	1338.3	1338.5	1338.8	1339.0	1339.2	1340.6	1342.0	1343.3	1344.7
165°	1353.3	1352.6	1352.7	1353.0	1353.2	1353.5	1353.7	1355.1	1356.4	1357.8	1359.1
167.5°	1364.7	1364.0	1364.1	1364.3	1364.6	1364.8	1365.0	1366.6	1368.2	1369.8	1371.4
170°	1373.0	1372.2	1372.3	1372.5	1372.8	1373.0	1373.2	1375.0	1376.9	1378.7	1380.6
172.5°	1379.2	1378.4	1378.6	1379.1	1379.6	1380.0	1380.5	1382.1	1383.7	1385.3	1386.9
175°	1384.2	1383.5	1383.6	1383.9	1384.1	1384.4	1384.6	1386.4	1388.2	1390.1	1391.9
177.5°	1387.3	1386.6	1386.7	1387.0	1387.2	1387.5	1387.7	1389.3	1390.9	1392.5	1394.1
180°	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7



TEST NUMBER: P1035392
 CATALOG NUMBER: S125DIW-B610D1050UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2
2.5°	848.8	843.5	842.7	844.2	841.2	845.8	844.2	845.8	842.0	845.8	843.5
5°	790.3	788.8	785.7	781.9	782.7	783.5	787.3	783.5	786.5	787.3	791.1
7.5°	735.6	732.5	734.8	733.3	726.5	724.9	726.5	728.7	733.3	736.3	738.6
10°	691.5	690.0	686.9	684.7	680.9	678.6	681.6	678.6	684.7	690.0	690.0
12.5°	658.1	652.0	648.2	647.4	639.1	640.6	643.6	645.9	652.7	655.8	655.8
15°	623.1	618.6	617.0	614.0	611.0	614.0	612.5	614.8	617.8	620.8	622.4
17.5°	592.7	592.0	592.7	585.1	587.4	583.6	584.4	588.2	585.9	588.2	592.7
20°	565.4	566.9	564.6	561.6	561.6	557.0	562.3	560.8	561.6	566.1	573.0
22.5°	544.8	544.1	541.8	539.5	536.5	537.2	538.0	536.5	542.6	546.4	547.1
25°	522.8	521.3	520.5	518.2	515.2	518.2	517.5	518.2	519.8	525.8	521.3
27.5°	502.3	499.3	500.8	498.5	497.7	498.5	498.5	499.3	500.8	501.5	502.3
30°	484.8	481.8	481.0	479.5	478.7	479.5	481.0	479.5	485.6	484.8	484.8
32.5°	465.8	463.5	462.0	462.0	461.3	460.5	461.3	462.0	466.6	463.5	466.6
35°	447.6	446.1	446.1	444.5	443.8	443.8	443.8	446.8	445.3	447.6	447.6
37.5°	430.1	430.1	429.3	427.8	427.1	427.8	427.1	428.6	427.8	428.6	429.3
40°	411.9	410.3	409.6	409.6	407.3	405.0	407.3	407.3	408.1	410.3	411.1
42.5°	389.8	390.6	390.6	387.5	387.5	387.5	388.3	389.1	389.1	390.6	390.6
45°	370.8	369.3	369.3	369.3	367.8	368.5	370.1	370.1	370.1	370.1	368.5
47.5°	349.6	349.6	350.3	350.3	352.6	351.8	351.8	351.1	349.6	349.6	350.3
50°	329.8	332.1	332.8	332.8	333.6	334.4	334.4	332.8	332.1	329.8	329.8
52.5°	310.8	312.3	313.8	316.1	317.6	316.9	316.9	315.4	312.3	311.6	310.8
55°	290.3	292.6	295.6	297.9	300.2	300.9	300.9	297.9	294.8	291.0	291.0
57.5°	271.3	273.6	278.9	281.2	284.2	284.2	282.7	280.4	275.8	272.8	270.5
60°	252.3	256.1	259.9	264.4	268.2	269.0	266.7	263.7	258.4	254.6	251.5
62.5°	231.8	235.6	243.2	247.7	250.8	250.8	250.8	247.0	240.1	234.8	230.2
65°	212.0	215.8	222.6	228.7	231.0	233.3	231.0	227.2	221.9	215.8	211.3
67.5°	191.5	196.1	202.9	207.5	210.5	212.8	211.3	208.2	201.4	193.0	190.0
70°	168.7	171.0	180.9	185.4	190.0	191.5	190.0	185.4	178.6	169.5	166.4
72.5°	147.4	149.7	158.8	162.6	166.4	167.9	165.7	162.6	156.5	148.2	144.4
75°	123.1	126.9	131.5	137.5	142.1	143.6	141.3	139.1	131.5	126.1	123.1
77.5°	97.3	101.1	107.1	112.5	117.0	116.3	113.2	114.0	105.6	99.5	97.3
80°	73.7	76.7	81.3	85.9	88.1	88.1	87.4	84.3	81.3	76.7	72.9
82.5°	50.9	54.7	58.5	61.6	61.6	62.3	60.8	60.0	57.0	53.2	52.4
85°	30.4	31.2	34.2	34.2	37.2	35.7	35.0	37.2	34.2	31.9	31.2
87.5°	13.7	12.9	13.7	13.7	12.9	14.4	14.4	13.7	14.4	13.7	13.7
90°	21.6	21.9	22.6	23.3	24.0	24.7	24.0	23.3	22.6	21.9	21.6
92.5°	21.6	21.7	22.0	22.2	22.5	22.7	22.5	22.2	22.0	21.7	21.6
95°	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
97.5°	20.6	20.7	20.9	21.2	21.4	21.6	21.4	21.2	20.9	20.7	20.6
100°	25.8	25.3	24.4	23.5	22.5	21.6	22.5	23.5	24.4	25.3	25.8
102.5°	243.1	233.5	214.3	195.0	175.8	156.6	175.8	195.0	214.3	233.5	243.1
105°	307.0	306.9	306.7	306.4	306.2	306.0	306.2	306.4	306.7	306.9	307.0
107.5°	376.0	375.5	374.6	373.7	372.8	371.9	372.8	373.7	374.6	375.5	376.0
110°	439.9	440.0	440.2	440.5	440.7	440.9	440.7	440.5	440.2	440.0	439.9



TEST NUMBER: P1035392

CATALOG NUMBER: S125DIW-B610D1050UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	504.8	504.6	504.1	503.6	503.2	502.7	503.2	503.6	504.1	504.6	504.8
115°	570.7	570.0	568.6	567.3	565.9	564.5	565.9	567.3	568.6	570.0	570.7
117.5°	633.6	633.4	632.9	632.4	632.0	631.5	632.0	632.4	632.9	633.4	633.6
120°	697.4	696.8	695.7	694.6	693.4	692.3	693.4	694.6	695.7	696.8	697.4
122.5°	756.2	755.5	754.1	752.8	751.4	750.0	751.4	752.8	754.1	755.5	756.2
125°	811.8	811.5	810.8	810.1	809.4	808.7	809.4	810.1	810.8	811.5	811.8
127.5°	865.4	864.5	862.6	860.8	858.9	857.1	858.9	860.8	862.6	864.5	865.4
130°	915.8	915.2	914.1	913.0	911.8	910.7	911.8	913.0	914.1	915.2	915.8
132.5°	965.3	964.7	963.6	962.4	961.3	960.1	961.3	962.4	963.6	964.7	965.3
135°	1010.6	1009.9	1008.5	1007.2	1005.8	1004.4	1005.8	1007.2	1008.5	1009.9	1010.6
137.5°	1055.9	1055.3	1054.2	1053.1	1051.9	1050.8	1051.9	1053.1	1054.2	1055.3	1055.9
140°	1097.2	1096.5	1095.1	1093.8	1092.4	1091.0	1092.4	1093.8	1095.1	1096.5	1097.2
142.5°	1135.3	1134.6	1133.2	1131.9	1130.5	1129.1	1130.5	1131.9	1133.2	1134.6	1135.3
145°	1172.4	1171.7	1170.3	1169.0	1167.6	1166.2	1167.6	1169.0	1170.3	1171.7	1172.4
147.5°	1204.3	1203.5	1201.9	1200.3	1198.7	1197.1	1198.7	1200.3	1201.9	1203.5	1204.3
150°	1235.2	1234.3	1232.5	1230.6	1228.8	1227.0	1228.8	1230.6	1232.5	1234.3	1235.2
152.5°	1262.0	1261.2	1259.6	1258.0	1256.4	1254.8	1256.4	1258.0	1259.6	1261.2	1262.0
155°	1286.7	1285.8	1284.0	1282.1	1280.3	1278.5	1280.3	1282.1	1284.0	1285.8	1286.7
157.5°	1307.3	1306.4	1304.6	1302.7	1300.9	1299.1	1300.9	1302.7	1304.6	1306.4	1307.3
160°	1326.9	1326.0	1324.1	1322.3	1320.4	1318.6	1320.4	1322.3	1324.1	1326.0	1326.9
162.5°	1345.4	1344.4	1342.3	1340.3	1338.2	1336.2	1338.2	1340.3	1342.3	1344.4	1345.4
165°	1359.8	1358.9	1357.1	1355.2	1353.4	1351.6	1353.4	1355.2	1357.1	1358.9	1359.8
167.5°	1372.2	1371.2	1369.1	1367.0	1365.0	1362.9	1365.0	1367.0	1369.1	1371.2	1372.2
170°	1381.5	1380.5	1378.4	1376.3	1374.3	1372.2	1374.3	1376.3	1378.4	1380.5	1381.5
172.5°	1387.7	1386.7	1384.6	1382.5	1380.5	1378.4	1380.5	1382.5	1384.6	1386.7	1387.7
175°	1392.8	1391.8	1389.7	1387.6	1385.6	1383.5	1385.6	1387.6	1389.7	1391.8	1392.8
177.5°	1394.9	1394.0	1392.1	1390.3	1388.4	1386.6	1388.4	1390.3	1392.1	1394.0	1394.9
180°	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7



TEST NUMBER: P1035392
 CATALOG NUMBER: S125DIW-B610D1050UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2
2.5°	850.3	845.8	851.1	844.2	845.8	854.1	853.4	861.0	865.5	864.8	868.6
5°	794.1	794.1	796.4	795.6	803.2	810.0	819.2	826.8	835.1	839.7	845.0
7.5°	738.6	746.2	747.7	751.5	760.7	772.1	781.2	792.6	804.7	813.1	819.2
10°	693.0	699.1	705.2	708.2	718.1	733.3	746.2	764.5	779.7	788.8	797.1
12.5°	652.7	659.6	662.6	676.3	683.1	693.0	711.3	731.0	747.7	757.6	764.5
15°	623.9	627.7	634.5	642.9	649.7	661.9	677.1	699.1	715.1	723.4	747.0
17.5°	599.6	604.1	607.9	611.7	622.4	635.3	649.7	668.7	689.2	703.7	715.8
20°	574.5	576.8	581.3	587.4	595.0	607.2	620.1	639.8	658.1	669.5	685.4
22.5°	544.8	551.7	556.2	560.8	569.2	582.8	595.0	609.4	632.2	645.2	661.9
25°	527.4	530.4	533.4	538.8	544.8	557.0	570.7	585.9	604.1	617.8	632.2
27.5°	504.6	509.1	512.9	519.8	523.6	533.4	546.4	561.6	583.6	595.0	607.2
30°	485.6	490.1	493.2	496.2	501.5	512.2	524.3	536.5	557.0	571.4	583.6
32.5°	466.6	471.1	474.9	477.2	482.5	489.4	499.3	514.4	531.9	541.8	557.8
35°	449.9	449.9	454.4	457.5	462.0	468.1	477.2	488.6	506.8	519.8	534.2
37.5°	430.9	431.6	435.4	437.7	442.3	448.3	457.5	468.1	483.3	493.2	507.6
40°	411.1	413.4	414.9	418.7	424.0	426.3	435.4	447.6	462.8	471.9	484.1
42.5°	391.3	392.9	396.7	399.7	404.3	408.1	414.1	425.5	436.9	450.6	460.5
45°	369.3	373.1	375.4	380.7	383.0	386.8	392.9	402.0	415.7	424.0	435.4
47.5°	350.3	351.8	353.4	360.2	364.7	367.0	373.1	378.4	392.9	400.5	411.1
50°	329.8	329.8	332.1	335.1	340.4	345.0	350.3	356.4	367.8	375.4	386.0
52.5°	310.8	308.5	310.0	311.6	316.9	321.4	326.8	335.1	345.8	350.3	359.4
55°	290.3	286.5	288.8	291.0	292.6	298.6	304.7	310.0	318.4	325.2	333.6
57.5°	268.2	267.5	266.0	266.7	270.5	274.3	278.9	285.7	295.6	300.9	305.5
60°	248.5	243.9	242.4	243.9	246.2	248.5	254.6	260.6	269.0	274.3	279.6
62.5°	228.0	223.4	220.4	218.1	220.4	225.7	229.5	234.0	240.9	247.0	251.5
65°	208.2	201.4	198.3	196.8	196.1	199.9	202.9	209.0	215.1	217.3	222.6
67.5°	186.2	180.1	176.3	174.0	174.0	174.0	177.1	183.1	189.2	190.0	195.3
70°	164.1	157.3	153.5	150.5	148.9	150.5	154.3	155.0	160.3	161.9	164.9
72.5°	140.6	134.5	129.9	126.1	126.9	128.4	128.4	129.9	133.0	136.8	136.8
75°	118.5	110.2	107.9	104.9	103.3	103.3	103.3	106.4	108.7	111.7	110.9
77.5°	93.5	88.9	84.3	82.8	80.5	79.8	81.3	81.3	82.8	85.1	85.9
80°	72.2	66.9	63.8	62.3	59.3	58.5	59.3	59.3	61.6	60.8	61.6
82.5°	50.2	46.4	44.1	41.8	40.3	41.0	40.3	40.3	41.0	40.3	40.3
85°	28.9	28.1	26.6	25.8	25.1	23.6	25.1	24.3	23.6	22.8	24.3
87.5°	13.7	12.9	12.9	11.4	11.4	10.6	11.4	11.4	10.6	10.6	10.6
90°	21.0	19.9	18.8	17.6	16.5	14.9	13.3	11.7	10.1	9.3	8.4
92.5°	21.0	19.9	18.8	17.6	16.5	15.1	13.7	12.4	11.0	10.3	11.3
95°	21.0	19.9	18.8	17.6	16.5	25.2	33.9	42.6	51.3	55.6	55.9
97.5°	20.4	19.9	19.4	19.0	18.5	40.3	62.0	83.8	105.5	116.4	115.7
100°	42.9	77.0	111.1	145.2	179.3	178.4	177.4	176.5	175.6	175.1	174.8
102.5°	242.9	242.4	242.0	241.5	241.1	240.6	240.2	239.7	239.2	239.0	238.5
105°	307.0	307.0	307.0	307.0	307.0	307.0	307.0	307.0	307.0	307.0	306.5
107.5°	375.9	375.7	375.4	375.2	375.0	374.5	374.1	373.6	373.1	372.9	372.9
110°	440.2	440.9	441.6	442.3	443.0	442.5	442.1	441.6	441.1	440.9	440.9



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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	505.3	506.2	507.1	508.0	508.9	508.7	508.5	508.2	508.0	507.9	507.6
115°	571.2	572.1	573.0	573.9	574.8	574.6	574.4	574.1	573.9	573.8	573.2
117.5°	634.3	635.6	637.0	638.3	639.7	638.8	637.9	637.0	636.1	635.6	635.6
120°	697.6	698.1	698.6	699.0	699.5	698.8	698.1	697.4	696.7	696.4	696.5
122.5°	756.4	756.9	757.3	757.8	758.2	758.0	757.8	757.5	757.3	757.2	756.6
125°	812.3	813.2	814.1	815.0	815.9	815.9	815.9	815.9	815.9	815.9	815.1
127.5°	865.6	866.1	866.5	867.0	867.4	867.6	867.8	868.1	868.3	868.4	867.8
130°	916.1	916.8	917.5	918.2	918.9	918.7	918.5	918.2	918.0	917.9	917.3
132.5°	965.3	965.3	965.3	965.3	965.3	966.0	966.7	967.4	968.1	968.4	967.7
135°	1010.8	1011.3	1011.8	1012.2	1012.7	1013.1	1013.6	1014.0	1014.5	1014.7	1014.0
137.5°	1055.9	1055.9	1055.9	1055.9	1055.9	1056.4	1056.8	1057.3	1057.8	1058.0	1057.3
140°	1097.0	1096.5	1096.0	1095.6	1095.1	1095.3	1095.5	1095.8	1096.0	1096.1	1095.9
142.5°	1135.3	1135.3	1135.3	1135.3	1135.3	1134.8	1134.4	1133.9	1133.4	1133.2	1133.1
145°	1172.3	1172.0	1171.8	1171.5	1171.3	1171.3	1171.3	1171.3	1171.3	1171.3	1171.1
147.5°	1204.2	1204.0	1203.7	1203.5	1203.3	1203.1	1202.8	1202.6	1202.3	1202.2	1202.2
150°	1235.0	1234.5	1234.0	1233.6	1233.1	1232.7	1232.2	1231.8	1231.3	1231.1	1231.3
152.5°	1261.8	1261.3	1260.8	1260.4	1259.9	1259.5	1259.0	1258.6	1258.1	1257.9	1258.5
155°	1286.4	1285.7	1285.0	1284.3	1283.6	1283.2	1282.7	1282.3	1281.8	1281.6	1282.3
157.5°	1307.0	1306.3	1305.6	1304.9	1304.2	1304.2	1304.2	1304.2	1304.2	1304.2	1304.5
160°	1326.4	1325.5	1324.6	1323.7	1322.8	1322.6	1322.3	1322.1	1321.8	1321.7	1322.4
162.5°	1344.7	1343.3	1342.0	1340.6	1339.2	1339.0	1338.8	1338.5	1338.3	1338.2	1338.9
165°	1359.1	1357.8	1356.4	1355.1	1353.7	1353.5	1353.2	1353.0	1352.7	1352.6	1353.3
167.5°	1371.4	1369.8	1368.2	1366.6	1365.0	1364.8	1364.6	1364.3	1364.1	1364.0	1364.7
170°	1380.6	1378.7	1376.9	1375.0	1373.2	1373.0	1372.8	1372.5	1372.3	1372.2	1373.0
172.5°	1386.9	1385.3	1383.7	1382.1	1380.5	1380.0	1379.6	1379.1	1378.6	1378.4	1379.2
175°	1391.9	1390.1	1388.2	1386.4	1384.6	1384.4	1384.1	1383.9	1383.6	1383.5	1384.2
177.5°	1394.1	1392.5	1390.9	1389.3	1387.7	1387.5	1387.2	1387.0	1386.7	1386.6	1387.3
180°	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7	1389.7



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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	895.2	895.2	895.2	895.2
2.5°	873.9	881.5	886.8	896.7
5°	854.1	867.8	880.7	894.4
7.5°	834.4	850.3	870.8	888.3
10°	812.3	832.8	857.2	880.7
12.5°	790.3	814.6	841.2	872.4
15°	763.7	794.8	826.0	859.4
17.5°	740.1	772.1	805.5	847.3
20°	713.5	748.5	785.0	827.5
22.5°	690.0	728.7	766.7	811.6
25°	663.4	701.4	743.2	791.1
27.5°	641.4	676.3	717.3	769.0
30°	614.8	652.7	693.8	745.5
32.5°	589.7	626.2	669.5	720.4
35°	563.8	601.1	639.8	688.5
37.5°	539.5	571.4	610.2	656.5
40°	512.2	547.1	582.1	618.6
42.5°	487.1	519.0	551.7	580.6
45°	459.0	486.3	517.5	541.0
47.5°	433.1	457.5	481.8	500.0
50°	407.3	426.3	444.5	460.5
52.5°	376.9	398.2	408.1	417.9
55°	349.6	361.7	370.8	380.7
57.5°	323.0	328.3	332.8	342.0
60°	288.0	294.1	299.4	306.2
62.5°	257.6	260.6	262.2	269.0
65°	228.7	228.0	231.8	235.6
67.5°	197.6	196.8	200.6	202.1
70°	167.2	166.4	167.2	171.0
72.5°	138.3	138.3	139.1	140.6
75°	111.7	111.7	112.5	114.0
77.5°	84.3	85.9	85.1	88.1
80°	61.6	60.0	61.6	63.1
82.5°	40.3	41.8	41.8	40.3
85°	22.8	22.8	22.8	22.8
87.5°	9.9	9.9	10.6	11.4
90°	6.5	4.7	2.8	1.0
92.5°	13.4	15.5	17.5	19.6
95°	56.6	57.3	58.0	58.7
97.5°	114.3	113.0	111.6	110.2
100°	174.1	173.4	172.7	172.0
102.5°	237.6	236.7	235.8	234.9
105°	305.6	304.7	303.8	302.9
107.5°	372.9	372.9	372.9	372.9
110°	440.9	440.9	440.9	440.9



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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	506.9	506.2	505.5	504.8
115°	572.1	571.0	569.8	568.7
117.5°	635.6	635.6	635.6	635.6
120°	696.7	697.0	697.2	697.4
122.5°	755.5	754.3	753.2	752.0
125°	813.5	811.9	810.3	808.7
127.5°	866.7	865.6	864.4	863.3
130°	916.2	915.0	913.9	912.7
132.5°	966.3	965.0	963.6	962.2
135°	1012.7	1011.3	1010.0	1008.6
137.5°	1055.9	1054.6	1053.2	1051.8
140°	1095.4	1095.0	1094.5	1094.1
142.5°	1132.9	1132.6	1132.4	1132.2
145°	1170.6	1170.2	1169.7	1169.3
147.5°	1202.2	1202.2	1202.2	1202.2
150°	1231.8	1232.2	1232.7	1233.1
152.5°	1259.6	1260.7	1261.9	1263.0
155°	1283.6	1285.0	1286.3	1287.7
157.5°	1305.2	1305.9	1306.6	1307.3
160°	1323.8	1325.1	1326.5	1327.9
162.5°	1340.3	1341.6	1343.0	1344.4
165°	1354.7	1356.0	1357.4	1358.8
167.5°	1366.1	1367.4	1368.8	1370.2
170°	1374.6	1376.2	1377.8	1379.4
172.5°	1380.8	1382.4	1384.0	1385.6
175°	1385.6	1386.9	1388.3	1389.7
177.5°	1388.7	1390.0	1391.4	1392.8
180°	1389.7	1389.7	1389.7	1389.7

(END OF REPORT)