

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: NEO-RAY

Report Number: P333332-940

Luminaire Tested: **S125DIP-S1270D1205U940-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333332-940
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-11,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S125DIP-S1270D1205U940-4F0-1E-UDD-A1
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 1270 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 1205 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8339.7 lumens
Efficiency: N/A
Efficacy: 116.3 lumens/watt
Spacing Criteria (0/90/45): 1.43 / 1.23 / 1.52
Luminous Opening: Rectangular (W 4' x L: 0.42' x H: 0')
CIE Type: General Diffuse

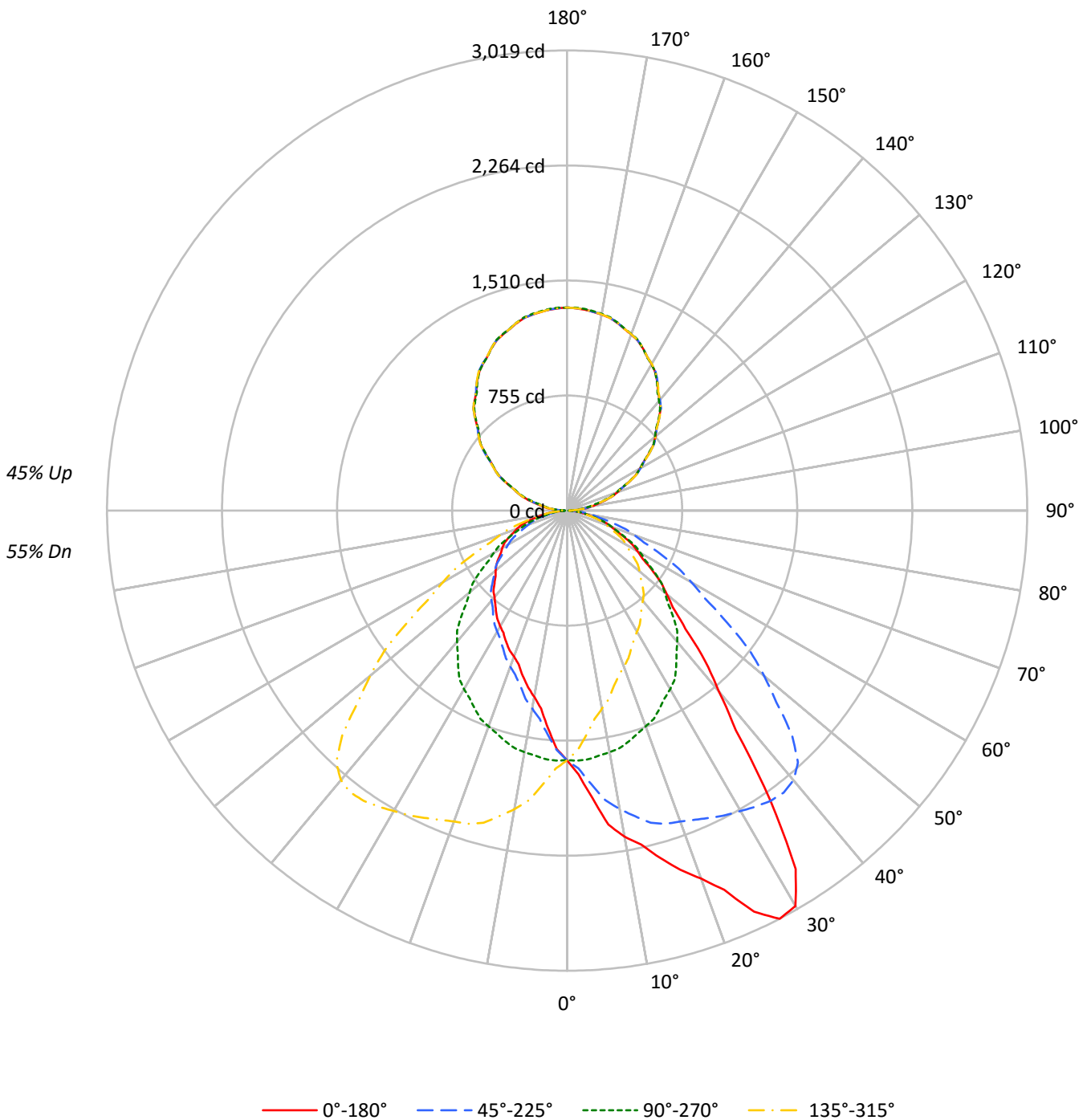
Input Watts (W): 71.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P333332-940

CATALOG NUMBER: S125DIP-S1270D1205U940-4F0-1E-UDD-A1

Luminous Intensity Polar Plot





TEST NUMBER: P333332-940

CATALOG NUMBER: S125DIP-S1270D1205U940-4F0-1E-UDD-A1

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20						20							20
RC	80					70						30							10
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50
RCR																			
0	108	108	108	108		101	101	101	101		86	86	86		73	73	73		61
1	99	95	91	88		92	88	85	82		76	74	72		65	63	62		54
2	91	83	77	72		84	78	72	68		67	63	60		57	54	52		48
3	83	73	66	60		77	68	62	57		59	54	50		51	47	44		43
4	76	65	57	51		70	61	54	48		53	47	43		45	41	38		38
5	70	58	50	44		64	54	47	42		47	42	37		41	36	33		35
6	64	52	44	38		59	49	42	36		43	37	33		37	32	29		31
7	59	47	39	34		55	44	37	32		39	33	29		34	29	26		29
8	55	43	35	30		51	40	33	28		35	30	26		31	26	23		26
9	51	39	32	26		48	37	30	25		32	27	23		28	24	21		24
10	48	36	29	24		45	34	27	23		30	24	21		26	22	19		23

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	10577	10577	10577	10577
5°	12248	10613	9292	10613
10°	14250	10558	8141	10558
15°	15774	10480	7511	10480
20°	17657	10357	7003	10357
25°	20685	10219	6757	10219
30°	22342	10082	6542	10082
35°	18370	9826	6401	9826
40°	13057	9470	6247	9470
45°	10030	8990	6158	8990
50°	8562	8395	6146	8395
55°	7624	7812	6199	7812
60°	6877	7174	6356	7174
65°	6353	6533	6522	6533
70°	5776	5867	6617	5867
75°	5100	5168	6558	5168
80°	4292	4214	5995	4214
85°	3394	3038	4846	3038



TEST NUMBER: P333332-940

CATALOG NUMBER: S125DIP-S1270D1205U940-4F0-1E-UDD-A1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	157.7	1.9
10°-20°	469.4	5.6
20°-30°	762.2	9.1
30°-40°	929.8	11.1
40°-50°	845.8	10.1
50°-60°	673.7	8.1
60°-70°	469.3	5.6
70°-80°	250.2	3.0
80°-90°	66.1	0.8
90°-100°	89.2	1.1
100°-110°	263.4	3.2
110°-120°	446.1	5.3
120°-130°	587.0	7.0
130°-140°	657.8	7.9
140°-150°	644.7	7.7
150°-160°	541.5	6.5
160°-170°	359.9	4.3
170°-180°	126.0	1.5
0°-30°	1389.3	16.7
0°-40°	2319.0	27.8
0°-60°	3838.6	46.0
0°-90°	4624.1	55.4
90°-120°	798.6	9.6
90°-150°	2688.1	32.2
90°-180°	3716.0	44.6
0°-180°	8339.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1638	1638	1638	1638	1638	
5°	1889	1637	1433	1637	1889	190
15°	2359	1567	1123	1567	2359	675
25°	2903	1434	948	1434	2903	1326
35°	2330	1246	812	1246	2330	1426
45°	1098	984	674	984	1098	879
55°	677	694	550	694	677	610
65°	416	428	427	428	416	413
75°	204	207	263	207	204	220
85°	46	41	65	41	46	54
90°	25	1	25	1	25	16
95°	89	67	89	67	89	91
105°	257	236	257	236	257	272
115°	451	447	451	447	451	446
125°	656	652	656	652	656	586
135°	851	848	851	848	851	656
145°	1031	1027	1031	1027	1031	644
155°	1175	1175	1175	1175	1175	541
165°	1274	1278	1274	1278	1274	359
175°	1323	1328	1323	1328	1323	126
180°	1332	1332	1332	1332	1332	



TEST NUMBER: P333332-940

CATALOG NUMBER: S125DIP-S1270D1205U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1637.7	1637.7	1637.7	1637.7	1637.7	1637.7	1637.7	1637.7	1637.7	1637.7	1637.7
2.5°	1732.2	1730.0	1727.8	1723.3	1726.6	1717.2	1712.7	1705.0	1695.5	1692.2	1688.3
5°	1889.3	1892.7	1896.2	1881.7	1883.0	1873.3	1851.1	1833.0	1818.4	1799.7	1786.5
7.5°	2078.4	2070.2	2069.5	2060.0	2043.8	2030.7	2007.3	1977.5	1948.8	1916.0	1888.9
10°	2172.9	2173.6	2167.4	2156.2	2138.9	2126.4	2095.8	2066.5	2031.1	1989.4	1959.5
12.5°	2244.1	2247.0	2239.1	2224.1	2215.5	2187.5	2163.6	2128.9	2086.7	2053.3	2007.9
15°	2359.2	2351.5	2346.0	2327.2	2312.7	2283.4	2245.2	2209.0	2163.2	2120.8	2078.4
17.5°	2470.1	2476.3	2465.8	2448.7	2403.4	2369.4	2318.1	2268.5	2211.4	2154.6	2104.0
20°	2569.1	2574.7	2558.7	2528.8	2474.6	2440.5	2373.1	2309.2	2243.1	2170.2	2114.5
22.5°	2692.6	2688.2	2666.6	2621.1	2574.1	2511.1	2438.2	2360.3	2277.6	2195.1	2121.2
25°	2902.8	2873.5	2860.3	2804.1	2742.2	2649.7	2549.7	2435.6	2332.8	2223.7	2129.1
27.5°	3019.2	3010.1	2995.3	2956.2	2891.1	2792.2	2674.2	2535.3	2390.2	2252.5	2128.7
30°	2995.9	2997.3	2998.7	2986.2	2944.5	2870.1	2752.6	2603.2	2430.8	2275.8	2132.6
32.5°	2789.1	2814.3	2838.6	2867.2	2878.9	2864.5	2791.0	2656.0	2478.6	2302.5	2130.4
35°	2330.0	2337.6	2416.2	2494.0	2599.7	2681.7	2736.7	2676.8	2527.4	2325.1	2127.7
37.5°	1816.8	1854.3	1908.6	1996.6	2149.1	2285.6	2461.2	2542.0	2493.8	2332.5	2122.9
40°	1548.7	1583.5	1618.9	1708.6	1837.2	2002.6	2202.1	2372.4	2412.0	2309.2	2106.2
42.5°	1341.8	1369.4	1408.7	1476.1	1583.6	1730.1	1920.7	2143.3	2280.2	2241.3	2071.2
45°	1098.2	1115.6	1146.2	1199.8	1277.6	1392.3	1560.5	1803.8	2015.8	2086.0	1988.0
47.5°	940.0	940.0	963.7	1000.7	1056.9	1154.3	1278.7	1469.4	1695.8	1863.3	1855.6
50°	852.2	848.7	867.5	899.5	944.0	1008.6	1127.5	1279.7	1497.3	1687.0	1739.8
52.5°	776.6	776.9	788.5	812.2	849.4	904.6	993.5	1130.7	1316.5	1511.3	1610.9
55°	677.1	674.2	687.4	703.5	730.6	766.7	830.6	935.6	1086.5	1278.3	1407.6
57.5°	585.9	593.5	598.8	609.9	632.4	656.6	710.5	787.6	907.2	1071.8	1208.5
60°	532.4	540.1	544.3	555.4	573.5	594.3	636.1	698.6	799.4	941.2	1076.7
62.5°	484.6	490.6	492.0	502.0	516.7	537.1	569.9	622.4	702.0	826.1	958.9
65°	415.7	415.7	418.5	428.9	435.9	453.9	478.9	517.2	581.1	677.7	791.0
67.5°	349.2	352.6	351.9	356.4	362.8	376.9	394.8	426.4	473.8	544.3	634.9
70°	305.9	308.6	307.9	311.4	318.3	327.4	342.0	371.8	405.9	466.5	544.3
72.5°	266.9	268.0	266.3	270.8	275.0	282.9	299.2	315.1	347.0	398.1	462.0
75°	204.4	205.7	207.1	209.9	214.1	218.3	226.6	242.6	263.4	301.7	342.7
77.5°	153.2	150.5	153.9	153.5	155.9	159.1	166.4	174.9	192.0	216.2	247.9
80°	115.4	116.1	116.1	116.8	120.3	122.3	128.6	134.8	148.0	166.1	188.4
82.5°	84.3	86.1	85.0	86.2	89.1	90.6	94.1	99.2	106.9	121.1	137.2
85°	45.8	42.4	43.8	45.2	45.2	45.8	48.7	50.7	54.9	60.5	66.7
87.5°	18.3	19.3	19.7	19.6	20.0	19.8	21.8	21.6	23.0	24.4	26.3
90°	24.9	24.2	23.5	22.8	22.1	21.2	20.1	18.9	17.7	16.6	15.0
92.5°	48.9	48.4	47.9	47.3	46.9	45.8	44.3	42.8	41.3	39.8	37.8
95°	89.1	88.6	88.2	87.7	87.3	86.2	84.6	83.0	81.4	79.8	77.5
97.5°	135.1	134.8	134.6	134.3	134.0	133.1	131.6	130.1	128.6	127.1	123.9
100°	170.0	169.5	169.0	168.5	168.1	166.8	164.8	162.6	160.6	158.5	155.5
102.5°	204.7	204.1	203.5	202.9	202.2	200.7	198.5	196.2	193.9	191.7	190.2
105°	257.0	256.3	255.6	254.9	254.2	253.2	251.8	250.4	249.1	247.6	246.3
107.5°	310.4	310.5	310.6	310.6	310.7	310.3	309.6	308.9	308.3	307.6	306.5
110°	350.3	350.4	350.7	350.9	351.2	350.9	350.3	349.6	348.8	348.1	347.5



TEST NUMBER: P333332-940

CATALOG NUMBER: S125DIP-S1270D1205U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	389.2	389.6	390.0	390.5	390.8	390.9	390.6	390.3	389.9	389.6	388.7
115°	450.8	450.9	451.2	451.5	451.7	451.9	452.1	452.4	452.6	452.8	452.4
117.5°	510.9	511.8	512.7	513.6	514.5	514.9	514.7	514.5	514.3	514.2	513.7
120°	552.3	553.2	554.1	555.1	556.0	556.4	556.4	556.4	556.4	556.4	556.2
122.5°	593.8	594.5	595.2	595.9	596.7	597.2	597.4	597.5	597.7	597.9	597.3
125°	655.9	656.1	656.4	656.7	656.8	657.2	657.6	658.1	658.5	659.1	658.8
127.5°	715.6	716.0	716.5	717.0	717.5	717.8	718.0	718.3	718.5	718.7	718.5
130°	755.4	755.8	756.3	756.8	757.2	757.6	757.8	758.0	758.3	758.5	758.0
132.5°	792.7	793.4	794.0	794.6	795.3	795.7	795.9	796.2	796.4	796.7	796.7
135°	850.7	851.7	852.6	853.5	854.4	854.9	854.9	854.9	854.9	854.9	854.6
137.5°	907.5	908.7	909.8	911.0	912.1	912.6	912.3	912.0	911.7	911.4	911.0
140°	944.0	945.1	946.3	947.4	948.6	949.0	948.5	948.0	947.5	947.1	946.4
142.5°	978.8	980.0	981.1	982.2	983.4	983.8	983.6	983.3	983.0	982.8	981.9
145°	1031.0	1031.7	1032.4	1033.1	1033.8	1034.1	1034.1	1034.1	1034.1	1034.1	1033.4
147.5°	1075.6	1077.2	1078.7	1080.3	1081.8	1082.4	1081.8	1081.3	1080.7	1080.1	1079.6
150°	1108.8	1109.2	1109.6	1110.1	1110.6	1110.8	1110.8	1110.8	1110.8	1110.8	1109.9
152.5°	1136.1	1136.9	1137.7	1138.6	1139.4	1139.5	1139.0	1138.4	1137.9	1137.4	1137.0
155°	1175.1	1176.3	1177.3	1178.5	1179.6	1179.8	1178.8	1177.9	1177.1	1176.1	1175.9
157.5°	1207.6	1209.2	1210.7	1212.2	1213.7	1214.0	1213.1	1212.1	1211.2	1210.3	1210.1
160°	1230.0	1231.1	1232.3	1233.4	1234.6	1234.7	1233.8	1232.9	1231.9	1231.0	1230.8
162.5°	1249.0	1250.4	1251.7	1253.0	1254.4	1254.5	1253.4	1252.3	1251.2	1250.1	1250.0
165°	1274.5	1275.9	1277.3	1278.7	1280.1	1280.3	1279.3	1278.4	1277.6	1276.6	1276.4
167.5°	1294.9	1296.3	1297.7	1299.1	1300.6	1300.6	1299.2	1297.8	1296.5	1295.0	1295.0
170°	1305.6	1307.2	1308.9	1310.5	1312.1	1312.2	1310.8	1309.4	1308.1	1306.6	1306.6
172.5°	1314.7	1316.2	1317.6	1319.0	1320.4	1320.4	1319.1	1317.7	1316.3	1314.9	1314.9
175°	1323.2	1324.8	1326.5	1328.1	1329.7	1329.8	1328.4	1327.0	1325.6	1324.3	1324.3
177.5°	1328.2	1329.5	1330.8	1332.1	1333.4	1333.5	1332.4	1331.2	1330.2	1329.0	1329.2
180°	1331.5	1331.5	1331.5	1331.5	1331.5	1331.5	1331.5	1331.5	1331.5	1331.5	1331.5



TEST NUMBER: P333332-940

CATALOG NUMBER: S125DIP-S1270D1205U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1637.7	1637.7	1637.7	1637.7	1637.7	1637.7	1637.7	1637.7	1637.7	1637.7	1637.7
2.5°	1685.0	1681.1	1676.6	1668.8	1659.4	1654.4	1646.5	1641.6	1631.6	1623.2	1614.4
5°	1770.4	1752.4	1735.7	1714.1	1690.5	1675.2	1657.2	1637.0	1616.1	1594.6	1570.9
7.5°	1859.0	1827.0	1792.2	1754.9	1718.3	1684.6	1652.5	1621.0	1591.5	1555.9	1525.8
10°	1918.5	1878.2	1835.1	1784.3	1735.0	1691.9	1648.1	1609.9	1570.9	1529.2	1492.4
12.5°	1978.0	1924.3	1863.4	1807.7	1748.4	1696.3	1644.8	1596.0	1547.0	1500.8	1457.9
15°	2020.0	1972.7	1916.4	1837.2	1770.4	1698.9	1630.8	1567.4	1508.4	1457.0	1402.8
17.5°	2047.6	1986.7	1926.3	1850.2	1762.8	1682.7	1605.5	1533.1	1466.5	1401.3	1349.1
20°	2052.6	1990.1	1926.8	1852.4	1762.8	1671.1	1593.8	1507.0	1435.4	1368.0	1304.0
22.5°	2051.0	1980.0	1911.3	1834.7	1747.2	1662.7	1569.4	1480.9	1403.1	1336.9	1270.1
25°	2035.2	1959.5	1873.3	1796.2	1709.9	1620.3	1525.8	1434.0	1354.8	1279.0	1213.0
27.5°	2022.2	1924.0	1826.3	1736.3	1653.1	1570.9	1480.4	1386.4	1298.6	1221.8	1159.6
30°	2006.1	1898.4	1788.5	1694.7	1609.2	1529.2	1443.8	1352.0	1260.3	1185.2	1118.5
32.5°	1991.6	1866.1	1750.2	1648.0	1557.5	1479.7	1400.9	1313.6	1223.5	1147.4	1080.6
35°	1963.7	1818.4	1685.6	1570.2	1473.6	1393.7	1327.7	1246.3	1163.6	1089.9	1026.0
37.5°	1928.2	1755.9	1613.4	1492.4	1386.4	1302.3	1240.7	1178.3	1098.9	1028.0	970.1
40°	1900.4	1711.4	1560.5	1436.8	1327.0	1239.4	1182.4	1123.3	1057.3	991.2	930.1
42.5°	1865.4	1671.3	1507.2	1373.9	1265.2	1179.9	1120.1	1069.9	1011.6	950.1	893.3
45°	1801.0	1598.7	1420.8	1277.6	1167.8	1083.7	1021.8	984.3	940.5	882.1	834.1
47.5°	1706.4	1511.5	1327.5	1179.7	1066.4	988.5	930.5	894.5	863.6	820.2	776.7
50°	1622.4	1446.5	1260.3	1113.6	1000.2	921.7	868.2	835.5	809.1	775.7	738.9
52.5°	1528.4	1364.8	1194.1	1049.1	936.8	859.4	807.0	778.3	756.3	732.4	696.1
55°	1379.1	1240.1	1081.6	944.0	840.3	764.6	718.7	693.8	675.6	657.5	635.3
57.5°	1214.6	1105.9	965.5	839.7	744.3	675.4	632.6	608.2	594.1	584.9	571.8
60°	1098.9	1005.8	884.8	770.2	677.1	615.9	574.2	555.4	543.6	535.9	526.2
62.5°	991.7	915.2	803.2	698.5	617.0	559.1	521.9	503.6	492.4	488.7	480.6
65°	833.4	774.4	681.9	595.0	525.5	476.2	444.9	427.5	420.5	416.3	417.1
67.5°	677.6	641.6	567.3	493.2	437.7	396.4	371.3	358.0	354.5	348.9	348.8
70°	582.5	555.4	492.8	428.2	378.8	346.9	324.6	310.7	307.2	304.4	303.8
72.5°	498.6	474.7	420.5	368.7	324.3	296.2	277.9	269.6	263.9	262.2	262.1
75°	374.7	361.5	318.3	277.3	246.7	227.3	214.8	207.1	203.0	202.2	203.0
77.5°	266.4	254.9	227.5	198.4	179.1	164.3	153.7	151.1	146.4	146.5	145.8
80°	200.2	192.5	175.1	152.2	136.3	123.8	118.2	113.3	111.9	109.9	111.9
82.5°	145.2	137.0	125.1	110.5	97.3	89.8	84.3	82.8	81.9	80.9	81.3
85°	71.6	72.3	65.4	54.2	48.7	44.5	41.0	41.0	40.3	39.6	40.3
87.5°	27.1	25.7	23.2	21.1	18.0	16.0	15.1	15.2	13.9	13.7	14.6
90°	13.4	11.8	10.2	8.4	6.6	4.7	2.9	1.1	2.9	4.7	6.6
92.5°	35.8	33.9	31.8	30.2	29.0	27.6	26.4	25.1	26.4	27.6	29.0
95°	75.2	72.9	70.5	69.2	68.8	68.3	67.8	67.3	67.8	68.3	68.8
97.5°	120.6	117.5	114.3	112.6	112.4	112.3	112.1	111.9	112.1	112.3	112.4
100°	152.6	149.5	146.6	145.1	145.1	145.1	145.1	145.1	145.1	145.1	145.1
102.5°	188.7	187.2	185.7	184.4	183.5	182.5	181.6	180.7	181.6	182.5	183.5
105°	244.9	243.5	242.1	240.9	239.7	238.5	237.4	236.2	237.4	238.5	239.7
107.5°	305.4	304.3	303.3	302.2	301.0	299.9	298.7	297.6	298.7	299.9	301.0
110°	346.8	346.1	345.4	344.5	343.3	342.1	341.0	339.9	341.0	342.1	343.3



TEST NUMBER: P333332-940

CATALOG NUMBER: S125DIP-S1270D1205U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	387.9	387.0	386.1	385.4	384.8	384.1	383.6	383.0	383.6	384.1	384.8
115°	451.9	451.5	450.9	450.3	449.3	448.4	447.5	446.6	447.5	448.4	449.3
117.5°	513.4	512.9	512.5	512.1	511.7	511.3	510.9	510.4	510.9	511.3	511.7
120°	556.0	555.7	555.5	554.8	553.7	552.5	551.3	550.2	551.3	552.5	553.7
122.5°	596.7	596.1	595.5	594.9	594.6	594.1	593.8	593.3	593.8	594.1	594.6
125°	658.5	658.4	658.1	657.3	655.9	654.5	653.2	651.8	653.2	654.5	655.9
127.5°	718.2	717.9	717.6	717.1	716.3	715.5	714.7	714.0	714.7	715.5	716.3
130°	757.6	757.2	756.7	755.8	754.7	753.6	752.4	751.3	752.4	753.6	754.7
132.5°	796.8	796.9	797.0	796.1	794.2	792.4	790.4	788.5	790.4	792.4	794.2
135°	854.4	854.2	854.0	853.2	851.8	850.4	849.0	847.7	849.0	850.4	851.8
137.5°	910.4	909.9	909.5	908.5	907.1	905.8	904.5	903.1	904.5	905.8	907.1
140°	945.7	945.0	944.3	943.4	942.3	941.1	940.0	938.8	940.0	941.1	942.3
142.5°	981.0	980.1	979.3	978.3	977.3	976.4	975.4	974.5	975.4	976.4	977.3
145°	1032.8	1032.1	1031.4	1030.6	1029.7	1028.8	1027.8	1026.9	1027.8	1028.8	1029.7
147.5°	1079.1	1078.5	1077.9	1077.4	1076.9	1076.4	1075.8	1075.4	1075.8	1076.4	1076.9
150°	1108.9	1108.0	1107.1	1106.8	1107.1	1107.2	1107.5	1107.7	1107.5	1107.2	1107.1
152.5°	1136.6	1136.2	1135.9	1135.5	1135.2	1134.9	1134.5	1134.3	1134.5	1134.9	1135.2
155°	1175.6	1175.5	1175.2	1175.1	1175.1	1175.1	1175.1	1175.1	1175.1	1175.1	1175.1
157.5°	1209.9	1209.6	1209.3	1209.5	1210.1	1210.5	1211.0	1211.6	1211.0	1210.5	1210.1
160°	1230.6	1230.3	1230.1	1230.3	1231.0	1231.7	1232.4	1233.1	1232.4	1231.7	1231.0
162.5°	1250.0	1249.9	1249.9	1250.1	1250.6	1251.2	1251.7	1252.1	1251.7	1251.2	1250.6
165°	1276.1	1275.9	1275.7	1275.8	1276.3	1276.8	1277.2	1277.6	1277.2	1276.8	1276.3
167.5°	1295.0	1295.0	1295.0	1295.5	1296.5	1297.4	1298.2	1299.2	1298.2	1297.4	1296.5
170°	1306.6	1306.6	1306.6	1307.2	1308.1	1308.9	1309.9	1310.8	1309.9	1308.9	1308.1
172.5°	1314.9	1314.9	1314.9	1315.5	1316.3	1317.2	1318.2	1319.1	1318.2	1317.2	1316.3
175°	1324.3	1324.3	1324.3	1324.7	1325.6	1326.6	1327.5	1328.4	1327.5	1326.6	1325.6
177.5°	1329.5	1329.6	1329.8	1330.3	1331.0	1331.7	1332.5	1333.2	1332.5	1331.7	1331.0
180°	1331.5	1331.5	1331.5	1331.5	1331.5	1331.5	1331.5	1331.5	1331.5	1331.5	1331.5



TEST NUMBER: P333332-940

CATALOG NUMBER: S125DIP-S1270D1205U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1637.7	1637.7	1637.7	1637.7	1637.7	1637.7	1637.7	1637.7	1637.7	1637.7	1637.7
2.5°	1609.3	1603.2	1598.2	1587.1	1580.9	1572.6	1565.9	1573.2	1565.4	1568.7	1563.7
5°	1559.2	1539.6	1525.8	1505.6	1488.3	1472.2	1460.4	1458.3	1452.8	1450.0	1441.6
7.5°	1498.8	1474.4	1450.5	1424.2	1401.9	1379.2	1364.8	1352.8	1344.9	1334.4	1327.4
10°	1463.2	1430.6	1402.8	1370.7	1342.9	1318.7	1299.1	1289.4	1280.4	1267.2	1262.3
12.5°	1419.2	1385.5	1351.6	1317.4	1290.7	1263.6	1246.9	1232.2	1225.9	1211.0	1209.5
15°	1366.5	1315.8	1282.5	1247.7	1210.9	1188.7	1174.7	1158.8	1151.8	1141.4	1133.7
17.5°	1303.8	1258.4	1216.7	1180.7	1149.1	1130.4	1113.1	1102.2	1090.2	1083.4	1070.9
20°	1258.1	1215.0	1173.3	1135.1	1110.8	1089.2	1075.3	1064.9	1052.4	1048.9	1036.4
22.5°	1219.8	1172.2	1132.2	1100.1	1073.5	1049.2	1034.2	1027.1	1018.5	1007.8	1005.2
25°	1157.4	1108.0	1074.0	1042.0	1018.3	996.1	985.7	976.6	968.3	960.6	957.9
27.5°	1103.4	1059.4	1018.9	990.0	969.4	949.1	940.0	929.0	922.8	916.7	909.2
30°	1065.6	1020.4	985.0	957.2	935.0	916.9	907.1	899.5	893.9	888.3	884.2
32.5°	1026.7	984.8	950.5	923.3	901.0	887.3	878.8	873.3	867.2	860.5	855.2
35°	975.3	929.3	896.0	872.4	855.0	844.5	834.8	829.9	823.0	823.0	817.4
37.5°	917.3	877.6	848.2	826.6	811.0	801.7	791.2	787.8	783.4	780.4	778.6
40°	882.8	846.0	818.1	796.6	779.9	772.2	763.9	758.4	755.5	752.1	750.7
42.5°	847.2	812.0	785.3	765.4	751.0	744.5	736.6	732.8	727.2	722.6	721.8
45°	793.1	759.0	734.8	718.7	706.2	698.6	693.8	685.4	682.6	677.1	676.4
47.5°	741.8	709.2	685.3	672.2	661.2	655.0	647.3	638.9	635.8	632.9	632.7
50°	703.5	673.6	651.3	638.8	628.4	619.4	611.7	606.1	604.0	604.0	605.5
52.5°	664.5	639.1	620.2	604.8	595.0	585.4	578.4	575.0	571.8	575.2	577.7
55°	607.5	581.8	567.9	553.3	543.6	532.4	529.0	527.6	525.5	531.1	533.9
57.5°	547.2	529.1	512.8	498.4	489.6	483.2	478.5	477.7	481.6	484.2	493.2
60°	508.8	487.9	473.4	462.3	451.8	447.6	446.3	444.9	447.6	455.3	467.1
62.5°	466.5	449.6	433.9	425.5	417.9	411.0	410.6	411.5	417.1	425.8	437.7
65°	404.6	389.9	379.5	369.8	363.6	359.4	360.8	363.6	369.8	381.7	394.8
67.5°	341.6	331.5	322.3	314.3	308.4	308.4	309.8	313.9	321.3	334.9	347.0
70°	301.0	289.9	282.2	278.7	273.8	271.1	275.3	282.2	288.5	301.0	311.4
72.5°	260.4	250.9	245.0	242.6	240.5	238.3	239.7	247.2	255.7	268.1	280.3
75°	200.2	196.7	192.5	189.8	187.7	189.0	190.5	197.4	204.4	217.6	231.5
77.5°	146.2	142.5	140.0	139.3	138.2	138.8	142.8	147.9	154.7	164.3	174.9
80°	110.5	109.1	107.7	107.0	107.0	107.7	113.3	116.8	123.1	132.1	140.4
82.5°	80.5	79.6	79.4	79.3	79.8	79.9	83.3	87.8	93.0	99.8	107.0
85°	42.4	41.0	43.1	43.8	42.4	44.5	45.8	48.7	50.7	54.2	57.7
87.5°	15.6	17.0	16.8	17.7	18.0	19.4	19.1	21.6	22.9	24.3	23.9
90°	8.4	10.2	11.8	13.4	15.0	16.6	17.7	18.9	20.1	21.2	22.1
92.5°	30.2	31.8	33.9	35.8	37.8	39.8	41.3	42.8	44.3	45.8	46.9
95°	69.2	70.5	72.9	75.2	77.5	79.8	81.4	83.0	84.6	86.2	87.3
97.5°	112.6	114.3	117.5	120.6	123.9	127.1	128.6	130.1	131.6	133.1	134.0
100°	145.1	146.6	149.5	152.6	155.5	158.5	160.6	162.6	164.8	166.8	168.1
102.5°	184.4	185.7	187.2	188.7	190.2	191.7	193.9	196.2	198.5	200.7	202.2
105°	240.9	242.1	243.5	244.9	246.3	247.6	249.1	250.4	251.8	253.2	254.2
107.5°	302.2	303.3	304.3	305.4	306.5	307.6	308.3	308.9	309.6	310.3	310.7
110°	344.5	345.4	346.1	346.8	347.5	348.1	348.8	349.6	350.3	350.9	351.2



TEST NUMBER: P333332-940

CATALOG NUMBER: S125DIP-S1270D1205U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	385.4	386.1	387.0	387.9	388.7	389.6	389.9	390.3	390.6	390.9	390.8
115°	450.3	450.9	451.5	451.9	452.4	452.8	452.6	452.4	452.1	451.9	451.7
117.5°	512.1	512.5	512.9	513.4	513.7	514.2	514.3	514.5	514.7	514.9	514.5
120°	554.8	555.5	555.7	556.0	556.2	556.4	556.4	556.4	556.4	556.4	556.0
122.5°	594.9	595.5	596.1	596.7	597.3	597.9	597.7	597.5	597.4	597.2	596.7
125°	657.3	658.1	658.4	658.5	658.8	659.1	658.5	658.1	657.6	657.2	656.8
127.5°	717.1	717.6	717.9	718.2	718.5	718.7	718.5	718.3	718.0	717.8	717.5
130°	755.8	756.7	757.2	757.6	758.0	758.5	758.3	758.0	757.8	757.6	757.2
132.5°	796.1	797.0	796.9	796.8	796.7	796.7	796.4	796.2	795.9	795.7	795.3
135°	853.2	854.0	854.2	854.4	854.6	854.9	854.9	854.9	854.9	854.9	854.4
137.5°	908.5	909.5	909.9	910.4	911.0	911.4	911.7	912.0	912.3	912.6	912.1
140°	943.4	944.3	945.0	945.7	946.4	947.1	947.5	948.0	948.5	949.0	948.6
142.5°	978.3	979.3	980.1	981.0	981.9	982.8	983.0	983.3	983.6	983.8	983.4
145°	1030.6	1031.4	1032.1	1032.8	1033.4	1034.1	1034.1	1034.1	1034.1	1034.1	1033.8
147.5°	1077.4	1077.9	1078.5	1079.1	1079.6	1080.1	1080.7	1081.3	1081.8	1082.4	1081.8
150°	1106.8	1107.1	1108.0	1108.9	1109.9	1110.8	1110.8	1110.8	1110.8	1110.8	1110.6
152.5°	1135.5	1135.9	1136.2	1136.6	1137.0	1137.4	1137.9	1138.4	1139.0	1139.5	1139.4
155°	1175.1	1175.2	1175.5	1175.6	1175.9	1176.1	1177.1	1177.9	1178.8	1179.8	1179.6
157.5°	1209.5	1209.3	1209.6	1209.9	1210.1	1210.3	1211.2	1212.1	1213.1	1214.0	1213.7
160°	1230.3	1230.1	1230.3	1230.6	1230.8	1231.0	1231.9	1232.9	1233.8	1234.7	1234.6
162.5°	1250.1	1249.9	1249.9	1250.0	1250.0	1250.1	1251.2	1252.3	1253.4	1254.5	1254.4
165°	1275.8	1275.7	1275.9	1276.1	1276.4	1276.6	1277.6	1278.4	1279.3	1280.3	1280.1
167.5°	1295.5	1295.0	1295.0	1295.0	1295.0	1295.0	1296.5	1297.8	1299.2	1300.6	1300.6
170°	1307.2	1306.6	1306.6	1306.6	1306.6	1306.6	1308.1	1309.4	1310.8	1312.2	1312.1
172.5°	1315.5	1314.9	1314.9	1314.9	1314.9	1314.9	1316.3	1317.7	1319.1	1320.4	1320.4
175°	1324.7	1324.3	1324.3	1324.3	1324.3	1324.3	1325.6	1327.0	1328.4	1329.8	1329.7
177.5°	1330.3	1329.8	1329.6	1329.5	1329.2	1329.0	1330.2	1331.2	1332.4	1333.5	1333.4
180°	1331.5	1331.5	1331.5	1331.5	1331.5	1331.5	1331.5	1331.5	1331.5	1331.5	1331.5



TEST NUMBER: P333332-940

CATALOG NUMBER: S125DIP-S1270D1205U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1637.7	1637.7	1637.7	1637.7	1637.7	1637.7	1637.7	1637.7	1637.7	1637.7	1637.7
2.5°	1560.4	1564.2	1560.9	1565.4	1560.9	1564.2	1560.4	1563.7	1568.7	1565.4	1573.2
5°	1438.2	1431.9	1436.1	1433.3	1436.1	1431.9	1438.2	1441.6	1450.0	1452.8	1458.3
7.5°	1325.3	1319.3	1312.5	1309.3	1312.5	1319.3	1325.3	1327.4	1334.4	1344.9	1352.8
10°	1254.6	1247.1	1246.3	1241.4	1246.3	1247.1	1254.6	1262.3	1267.2	1280.4	1289.4
12.5°	1202.9	1195.9	1187.9	1185.9	1187.9	1195.9	1202.9	1209.5	1211.0	1225.9	1232.2
15°	1129.5	1124.0	1119.1	1123.3	1119.1	1124.0	1129.5	1133.7	1141.4	1151.8	1158.8
17.5°	1068.5	1063.9	1063.1	1057.9	1063.1	1063.9	1068.5	1070.9	1083.4	1090.2	1102.2
20°	1030.2	1026.7	1028.1	1019.0	1028.1	1026.7	1030.2	1036.4	1048.9	1052.4	1064.9
22.5°	999.6	992.7	991.9	990.2	991.9	992.7	999.6	1005.2	1007.8	1018.5	1027.1
25°	951.6	948.2	944.7	948.2	944.7	948.2	951.6	957.9	960.6	968.3	976.6
27.5°	909.7	905.6	904.6	905.0	904.6	905.6	909.7	909.2	916.7	922.8	929.0
30°	884.2	877.3	877.9	877.3	877.9	877.3	884.2	884.2	888.3	893.9	899.5
32.5°	856.4	851.7	850.7	849.4	850.7	851.7	856.4	855.2	860.5	867.2	873.3
35°	815.4	815.4	811.9	811.9	811.9	815.4	815.4	817.4	823.0	823.0	829.9
37.5°	776.9	776.1	774.1	774.4	774.1	776.1	776.9	778.6	780.4	783.4	787.8
40°	748.0	747.3	745.1	741.0	745.1	747.3	748.0	750.7	752.1	755.5	758.4
42.5°	720.1	717.7	716.8	715.4	716.8	717.7	720.1	721.8	722.6	727.2	732.8
45°	676.4	676.4	674.9	674.2	674.9	676.4	676.4	676.4	677.1	682.6	685.4
47.5°	633.8	635.1	637.7	637.3	637.7	635.1	633.8	632.7	632.9	635.8	638.9
50°	608.2	608.9	611.0	611.7	611.0	608.9	608.2	605.5	604.0	604.0	606.1
52.5°	579.9	583.9	586.6	586.1	586.6	583.9	579.9	577.7	575.2	571.8	575.0
55°	540.1	544.9	549.8	550.5	549.8	544.9	540.1	533.9	531.1	525.5	527.6
57.5°	500.8	507.6	512.7	514.3	512.7	507.6	500.8	493.2	484.2	481.6	477.7
60°	474.0	483.1	489.4	492.1	489.4	483.1	474.0	467.1	455.3	447.6	444.9
62.5°	448.4	458.6	464.8	465.5	464.8	458.6	448.4	437.7	425.8	417.1	411.5
65°	406.6	417.1	422.6	426.8	422.6	417.1	406.6	394.8	381.7	369.8	363.6
67.5°	361.6	372.0	378.2	381.5	378.2	372.0	361.6	347.0	334.9	321.3	313.9
70°	328.8	339.2	347.6	350.4	347.6	339.2	328.8	311.4	301.0	288.5	282.2
72.5°	296.5	305.9	312.5	315.8	312.5	305.9	296.5	280.3	268.1	255.7	247.2
75°	240.5	253.0	259.3	262.8	259.3	253.0	240.5	231.5	217.6	204.4	197.4
77.5°	185.5	196.9	200.6	202.4	200.6	196.9	185.5	174.9	164.3	154.7	147.9
80°	148.7	155.7	160.6	161.2	160.6	155.7	148.7	140.4	132.1	123.1	116.8
82.5°	114.3	120.1	121.6	123.4	121.6	120.1	114.3	107.0	99.8	93.0	87.8
85°	62.6	65.4	66.1	65.4	66.1	65.4	62.6	57.7	54.2	50.7	48.7
87.5°	25.1	24.7	24.9	26.1	24.9	24.7	25.1	23.9	24.3	22.9	21.6
90°	22.8	23.5	24.2	24.9	24.2	23.5	22.8	22.1	21.2	20.1	18.9
92.5°	47.3	47.9	48.4	48.9	48.4	47.9	47.3	46.9	45.8	44.3	42.8
95°	87.7	88.2	88.6	89.1	88.6	88.2	87.7	87.3	86.2	84.6	83.0
97.5°	134.3	134.6	134.8	135.1	134.8	134.6	134.3	134.0	133.1	131.6	130.1
100°	168.5	169.0	169.5	170.0	169.5	169.0	168.5	168.1	166.8	164.8	162.6
102.5°	202.9	203.5	204.1	204.7	204.1	203.5	202.9	202.2	200.7	198.5	196.2
105°	254.9	255.6	256.3	257.0	256.3	255.6	254.9	254.2	253.2	251.8	250.4
107.5°	310.6	310.6	310.5	310.4	310.5	310.6	310.6	310.7	310.3	309.6	308.9
110°	350.9	350.7	350.4	350.3	350.4	350.7	350.9	351.2	350.9	350.3	349.6



TEST NUMBER: P333332-940

CATALOG NUMBER: S125DIP-S1270D1205U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	390.5	390.0	389.6	389.2	389.6	390.0	390.5	390.8	390.9	390.6	390.3
115°	451.5	451.2	450.9	450.8	450.9	451.2	451.5	451.7	451.9	452.1	452.4
117.5°	513.6	512.7	511.8	510.9	511.8	512.7	513.6	514.5	514.9	514.7	514.5
120°	555.1	554.1	553.2	552.3	553.2	554.1	555.1	556.0	556.4	556.4	556.4
122.5°	595.9	595.2	594.5	593.8	594.5	595.2	595.9	596.7	597.2	597.4	597.5
125°	656.7	656.4	656.1	655.9	656.1	656.4	656.7	656.8	657.2	657.6	658.1
127.5°	717.0	716.5	716.0	715.6	716.0	716.5	717.0	717.5	717.8	718.0	718.3
130°	756.8	756.3	755.8	755.4	755.8	756.3	756.8	757.2	757.6	757.8	758.0
132.5°	794.6	794.0	793.4	792.7	793.4	794.0	794.6	795.3	795.7	795.9	796.2
135°	853.5	852.6	851.7	850.7	851.7	852.6	853.5	854.4	854.9	854.9	854.9
137.5°	911.0	909.8	908.7	907.5	908.7	909.8	911.0	912.1	912.6	912.3	912.0
140°	947.4	946.3	945.1	944.0	945.1	946.3	947.4	948.6	949.0	948.5	948.0
142.5°	982.2	981.1	980.0	978.8	980.0	981.1	982.2	983.4	983.8	983.6	983.3
145°	1033.1	1032.4	1031.7	1031.0	1031.7	1032.4	1033.1	1033.8	1034.1	1034.1	1034.1
147.5°	1080.3	1078.7	1077.2	1075.6	1077.2	1078.7	1080.3	1081.8	1082.4	1081.8	1081.3
150°	1110.1	1109.6	1109.2	1108.8	1109.2	1109.6	1110.1	1110.6	1110.8	1110.8	1110.8
152.5°	1138.6	1137.7	1136.9	1136.1	1136.9	1137.7	1138.6	1139.4	1139.5	1139.0	1138.4
155°	1178.5	1177.3	1176.3	1175.1	1176.3	1177.3	1178.5	1179.6	1179.8	1178.8	1177.9
157.5°	1212.2	1210.7	1209.2	1207.6	1209.2	1210.7	1212.2	1213.7	1214.0	1213.1	1212.1
160°	1233.4	1232.3	1231.1	1230.0	1231.1	1232.3	1233.4	1234.6	1234.7	1233.8	1232.9
162.5°	1253.0	1251.7	1250.4	1249.0	1250.4	1251.7	1253.0	1254.4	1254.5	1253.4	1252.3
165°	1278.7	1277.3	1275.9	1274.5	1275.9	1277.3	1278.7	1280.1	1280.3	1279.3	1278.4
167.5°	1299.1	1297.7	1296.3	1294.9	1296.3	1297.7	1299.1	1300.6	1300.6	1299.2	1297.8
170°	1310.5	1308.9	1307.2	1305.6	1307.2	1308.9	1310.5	1312.1	1312.2	1310.8	1309.4
172.5°	1319.0	1317.6	1316.2	1314.7	1316.2	1317.6	1319.0	1320.4	1320.4	1319.1	1317.7
175°	1328.1	1326.5	1324.8	1323.2	1324.8	1326.5	1328.1	1329.7	1329.8	1328.4	1327.0
177.5°	1332.1	1330.8	1329.5	1328.2	1329.5	1330.8	1332.1	1333.4	1333.5	1332.4	1331.2
180°	1331.5	1331.5	1331.5	1331.5	1331.5	1331.5	1331.5	1331.5	1331.5	1331.5	1331.5



TEST NUMBER: P333332-940

CATALOG NUMBER: S125DIP-S1270D1205U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1637.7	1637.7	1637.7	1637.7	1637.7	1637.7	1637.7	1637.7	1637.7	1637.7	1637.7
2.5°	1565.9	1572.6	1580.9	1587.1	1598.2	1603.2	1609.3	1614.4	1623.2	1631.6	1641.6
5°	1460.4	1472.2	1488.3	1505.6	1525.8	1539.6	1559.2	1570.9	1594.6	1616.1	1637.0
7.5°	1364.8	1379.2	1401.9	1424.2	1450.5	1474.4	1498.8	1525.8	1555.9	1591.5	1621.0
10°	1299.1	1318.7	1342.9	1370.7	1402.8	1430.6	1463.2	1492.4	1529.2	1570.9	1609.9
12.5°	1246.9	1263.6	1290.7	1317.4	1351.6	1385.5	1419.2	1457.9	1500.8	1547.0	1596.0
15°	1174.7	1188.7	1210.9	1247.7	1282.5	1315.8	1366.5	1402.8	1457.0	1508.4	1567.4
17.5°	1113.1	1130.4	1149.1	1180.7	1216.7	1258.4	1303.8	1349.1	1401.3	1466.5	1533.1
20°	1075.3	1089.2	1110.8	1135.1	1173.3	1215.0	1258.1	1304.0	1368.0	1435.4	1507.0
22.5°	1034.2	1049.2	1073.5	1100.1	1132.2	1172.2	1219.8	1270.1	1336.9	1403.1	1480.9
25°	985.7	996.1	1018.3	1042.0	1074.0	1108.0	1157.4	1213.0	1279.0	1354.8	1434.0
27.5°	940.0	949.1	969.4	990.0	1018.9	1059.4	1103.4	1159.6	1221.8	1298.6	1386.4
30°	907.1	916.9	935.0	957.2	985.0	1020.4	1065.6	1118.5	1185.2	1260.3	1352.0
32.5°	878.8	887.3	901.0	923.3	950.5	984.8	1026.7	1080.6	1147.4	1223.5	1313.6
35°	834.8	844.5	855.0	872.4	896.0	929.3	975.3	1026.0	1089.9	1163.6	1246.3
37.5°	791.2	801.7	811.0	826.6	848.2	877.6	917.3	970.1	1028.0	1098.9	1178.3
40°	763.9	772.2	779.9	796.6	818.1	846.0	882.8	930.1	991.2	1057.3	1123.3
42.5°	736.6	744.5	751.0	765.4	785.3	812.0	847.2	893.3	950.1	1011.6	1069.9
45°	693.8	698.6	706.2	718.7	734.8	759.0	793.1	834.1	882.1	940.5	984.3
47.5°	647.3	655.0	661.2	672.2	685.3	709.2	741.8	776.7	820.2	863.6	894.5
50°	611.7	619.4	628.4	638.8	651.3	673.6	703.5	738.9	775.7	809.1	835.5
52.5°	578.4	585.4	595.0	604.8	620.2	639.1	664.5	696.1	732.4	756.3	778.3
55°	529.0	532.4	543.6	553.3	567.9	581.8	607.5	635.3	657.5	675.6	693.8
57.5°	478.5	483.2	489.6	498.4	512.8	529.1	547.2	571.8	584.9	594.1	608.2
60°	446.3	447.6	451.8	462.3	473.4	487.9	508.8	526.2	535.9	543.6	555.4
62.5°	410.6	411.0	417.9	425.5	433.9	449.6	466.5	480.6	488.7	492.4	503.6
65°	360.8	359.4	363.6	369.8	379.5	389.9	404.6	417.1	416.3	420.5	427.5
67.5°	309.8	308.4	308.4	314.3	322.3	331.5	341.6	348.8	348.9	354.5	358.0
70°	275.3	271.1	273.8	278.7	282.2	289.9	301.0	303.8	304.4	307.2	310.7
72.5°	239.7	238.3	240.5	242.6	245.0	250.9	260.4	262.1	262.2	263.9	269.6
75°	190.5	189.0	187.7	189.8	192.5	196.7	200.2	203.0	202.2	203.0	207.1
77.5°	142.8	138.8	138.2	139.3	140.0	142.5	146.2	145.8	146.5	146.4	151.1
80°	113.3	107.7	107.0	107.0	107.7	109.1	110.5	111.9	109.9	111.9	113.3
82.5°	83.3	79.9	79.8	79.3	79.4	79.6	80.5	81.3	80.9	81.9	82.8
85°	45.8	44.5	42.4	43.8	43.1	41.0	42.4	40.3	39.6	40.3	41.0
87.5°	19.1	19.4	18.0	17.7	16.8	17.0	15.6	14.6	13.7	13.9	15.2
90°	17.7	16.6	15.0	13.4	11.8	10.2	8.4	6.6	4.7	2.9	1.1
92.5°	41.3	39.8	37.8	35.8	33.9	31.8	30.2	29.0	27.6	26.4	25.1
95°	81.4	79.8	77.5	75.2	72.9	70.5	69.2	68.8	68.3	67.8	67.3
97.5°	128.6	127.1	123.9	120.6	117.5	114.3	112.6	112.4	112.3	112.1	111.9
100°	160.6	158.5	155.5	152.6	149.5	146.6	145.1	145.1	145.1	145.1	145.1
102.5°	193.9	191.7	190.2	188.7	187.2	185.7	184.4	183.5	182.5	181.6	180.7
105°	249.1	247.6	246.3	244.9	243.5	242.1	240.9	239.7	238.5	237.4	236.2
107.5°	308.3	307.6	306.5	305.4	304.3	303.3	302.2	301.0	299.9	298.7	297.6
110°	348.8	348.1	347.5	346.8	346.1	345.4	344.5	343.3	342.1	341.0	339.9



TEST NUMBER: P333332-940

CATALOG NUMBER: S125DIP-S1270D1205U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	389.9	389.6	388.7	387.9	387.0	386.1	385.4	384.8	384.1	383.6	383.0
115°	452.6	452.8	452.4	451.9	451.5	450.9	450.3	449.3	448.4	447.5	446.6
117.5°	514.3	514.2	513.7	513.4	512.9	512.5	512.1	511.7	511.3	510.9	510.4
120°	556.4	556.4	556.2	556.0	555.7	555.5	554.8	553.7	552.5	551.3	550.2
122.5°	597.7	597.9	597.3	596.7	596.1	595.5	594.9	594.6	594.1	593.8	593.3
125°	658.5	659.1	658.8	658.5	658.4	658.1	657.3	655.9	654.5	653.2	651.8
127.5°	718.5	718.7	718.5	718.2	717.9	717.6	717.1	716.3	715.5	714.7	714.0
130°	758.3	758.5	758.0	757.6	757.2	756.7	755.8	754.7	753.6	752.4	751.3
132.5°	796.4	796.7	796.7	796.8	796.9	797.0	796.1	794.2	792.4	790.4	788.5
135°	854.9	854.9	854.6	854.4	854.2	854.0	853.2	851.8	850.4	849.0	847.7
137.5°	911.7	911.4	911.0	910.4	909.9	909.5	908.5	907.1	905.8	904.5	903.1
140°	947.5	947.1	946.4	945.7	945.0	944.3	943.4	942.3	941.1	940.0	938.8
142.5°	983.0	982.8	981.9	981.0	980.1	979.3	978.3	977.3	976.4	975.4	974.5
145°	1034.1	1034.1	1033.4	1032.8	1032.1	1031.4	1030.6	1029.7	1028.8	1027.8	1026.9
147.5°	1080.7	1080.1	1079.6	1079.1	1078.5	1077.9	1077.4	1076.9	1076.4	1075.8	1075.4
150°	1110.8	1110.8	1109.9	1108.9	1108.0	1107.1	1106.8	1107.1	1107.2	1107.5	1107.7
152.5°	1137.9	1137.4	1137.0	1136.6	1136.2	1135.9	1135.5	1135.2	1134.9	1134.5	1134.3
155°	1177.1	1176.1	1175.9	1175.6	1175.5	1175.2	1175.1	1175.1	1175.1	1175.1	1175.1
157.5°	1211.2	1210.3	1210.1	1209.9	1209.6	1209.3	1209.5	1210.1	1210.5	1211.0	1211.6
160°	1231.9	1231.0	1230.8	1230.6	1230.3	1230.1	1230.3	1231.0	1231.7	1232.4	1233.1
162.5°	1251.2	1250.1	1250.0	1250.0	1249.9	1249.9	1250.1	1250.6	1251.2	1251.7	1252.1
165°	1277.6	1276.6	1276.4	1276.1	1275.9	1275.7	1275.8	1276.3	1276.8	1277.2	1277.6
167.5°	1296.5	1295.0	1295.0	1295.0	1295.0	1295.0	1295.5	1296.5	1297.4	1298.2	1299.2
170°	1308.1	1306.6	1306.6	1306.6	1306.6	1306.6	1307.2	1308.1	1308.9	1309.9	1310.8
172.5°	1316.3	1314.9	1314.9	1314.9	1314.9	1314.9	1315.5	1316.3	1317.2	1318.2	1319.1
175°	1325.6	1324.3	1324.3	1324.3	1324.3	1324.3	1324.7	1325.6	1326.6	1327.5	1328.4
177.5°	1330.2	1329.0	1329.2	1329.5	1329.6	1329.8	1330.3	1331.0	1331.7	1332.5	1333.2
180°	1331.5	1331.5	1331.5	1331.5	1331.5	1331.5	1331.5	1331.5	1331.5	1331.5	1331.5



TEST NUMBER: P333332-940

CATALOG NUMBER: S125DIP-S1270D1205U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1637.7	1637.7	1637.7	1637.7	1637.7	1637.7	1637.7	1637.7	1637.7	1637.7	1637.7
2.5°	1646.5	1654.4	1659.4	1668.8	1676.6	1681.1	1685.0	1688.3	1692.2	1695.5	1705.0
5°	1657.2	1675.2	1690.5	1714.1	1735.7	1752.4	1770.4	1786.5	1799.7	1818.4	1833.0
7.5°	1652.5	1684.6	1718.3	1754.9	1792.2	1827.0	1859.0	1888.9	1916.0	1948.8	1977.5
10°	1648.1	1691.9	1735.0	1784.3	1835.1	1878.2	1918.5	1959.5	1989.4	2031.1	2066.5
12.5°	1644.8	1696.3	1748.4	1807.7	1863.4	1924.3	1978.0	2007.9	2053.3	2086.7	2128.9
15°	1630.8	1698.9	1770.4	1837.2	1916.4	1972.7	2020.0	2078.4	2120.8	2163.2	2209.0
17.5°	1605.5	1682.7	1762.8	1850.2	1926.3	1986.7	2047.6	2104.0	2154.6	2211.4	2268.5
20°	1593.8	1671.1	1762.8	1852.4	1926.8	1990.1	2052.6	2114.5	2170.2	2243.1	2309.2
22.5°	1569.4	1662.7	1747.2	1834.7	1911.3	1980.0	2051.0	2121.2	2195.1	2277.6	2360.3
25°	1525.8	1620.3	1709.9	1796.2	1873.3	1959.5	2035.2	2129.1	2223.7	2332.8	2435.6
27.5°	1480.4	1570.9	1653.1	1736.3	1826.3	1924.0	2022.2	2128.7	2252.5	2390.2	2535.3
30°	1443.8	1529.2	1609.2	1694.7	1788.5	1898.4	2006.1	2132.6	2275.8	2430.8	2603.2
32.5°	1400.9	1479.7	1557.5	1648.0	1750.2	1866.1	1991.6	2130.4	2302.5	2478.6	2656.0
35°	1327.7	1393.7	1473.6	1570.2	1685.6	1818.4	1963.7	2127.7	2325.1	2527.4	2676.8
37.5°	1240.7	1302.3	1386.4	1492.4	1613.4	1755.9	1928.2	2122.9	2332.5	2493.8	2542.0
40°	1182.4	1239.4	1327.0	1436.8	1560.5	1711.4	1900.4	2106.2	2309.2	2412.0	2372.4
42.5°	1120.1	1179.9	1265.2	1373.9	1507.2	1671.3	1865.4	2071.2	2241.3	2280.2	2143.3
45°	1021.8	1083.7	1167.8	1277.6	1420.8	1598.7	1801.0	1988.0	2086.0	2015.8	1803.8
47.5°	930.5	988.5	1066.4	1179.7	1327.5	1511.5	1706.4	1855.6	1863.3	1695.8	1469.4
50°	868.2	921.7	1000.2	1113.6	1260.3	1446.5	1622.4	1739.8	1687.0	1497.3	1279.7
52.5°	807.0	859.4	936.8	1049.1	1194.1	1364.8	1528.4	1610.9	1511.3	1316.5	1130.7
55°	718.7	764.6	840.3	944.0	1081.6	1240.1	1379.1	1407.6	1278.3	1086.5	935.6
57.5°	632.6	675.4	744.3	839.7	965.5	1105.9	1214.6	1208.5	1071.8	907.2	787.6
60°	574.2	615.9	677.1	770.2	884.8	1005.8	1098.9	1076.7	941.2	799.4	698.6
62.5°	521.9	559.1	617.0	698.5	803.2	915.2	991.7	958.9	826.1	702.0	622.4
65°	444.9	476.2	525.5	595.0	681.9	774.4	833.4	791.0	677.7	581.1	517.2
67.5°	371.3	396.4	437.7	493.2	567.3	641.6	677.6	634.9	544.3	473.8	426.4
70°	324.6	346.9	378.8	428.2	492.8	555.4	582.5	544.3	466.5	405.9	371.8
72.5°	277.9	296.2	324.3	368.7	420.5	474.7	498.6	462.0	398.1	347.0	315.1
75°	214.8	227.3	246.7	277.3	318.3	361.5	374.7	342.7	301.7	263.4	242.6
77.5°	153.7	164.3	179.1	198.4	227.5	254.9	266.4	247.9	216.2	192.0	174.9
80°	118.2	123.8	136.3	152.2	175.1	192.5	200.2	188.4	166.1	148.0	134.8
82.5°	84.3	89.8	97.3	110.5	125.1	137.0	145.2	137.2	121.1	106.9	99.2
85°	41.0	44.5	48.7	54.2	65.4	72.3	71.6	66.7	60.5	54.9	50.7
87.5°	15.1	16.0	18.0	21.1	23.2	25.7	27.1	26.3	24.4	23.0	21.6
90°	2.9	4.7	6.6	8.4	10.2	11.8	13.4	15.0	16.6	17.7	18.9
92.5°	26.4	27.6	29.0	30.2	31.8	33.9	35.8	37.8	39.8	41.3	42.8
95°	67.8	68.3	68.8	69.2	70.5	72.9	75.2	77.5	79.8	81.4	83.0
97.5°	112.1	112.3	112.4	112.6	114.3	117.5	120.6	123.9	127.1	128.6	130.1
100°	145.1	145.1	145.1	145.1	146.6	149.5	152.6	155.5	158.5	160.6	162.6
102.5°	181.6	182.5	183.5	184.4	185.7	187.2	188.7	190.2	191.7	193.9	196.2
105°	237.4	238.5	239.7	240.9	242.1	243.5	244.9	246.3	247.6	249.1	250.4
107.5°	298.7	299.9	301.0	302.2	303.3	304.3	305.4	306.5	307.6	308.3	308.9
110°	341.0	342.1	343.3	344.5	345.4	346.1	346.8	347.5	348.1	348.8	349.6



TEST NUMBER: P333332-940

CATALOG NUMBER: S125DIP-S1270D1205U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	383.6	384.1	384.8	385.4	386.1	387.0	387.9	388.7	389.6	389.9	390.3
115°	447.5	448.4	449.3	450.3	450.9	451.5	451.9	452.4	452.8	452.6	452.4
117.5°	510.9	511.3	511.7	512.1	512.5	512.9	513.4	513.7	514.2	514.3	514.5
120°	551.3	552.5	553.7	554.8	555.5	555.7	556.0	556.2	556.4	556.4	556.4
122.5°	593.8	594.1	594.6	594.9	595.5	596.1	596.7	597.3	597.9	597.7	597.5
125°	653.2	654.5	655.9	657.3	658.1	658.4	658.5	658.8	659.1	658.5	658.1
127.5°	714.7	715.5	716.3	717.1	717.6	717.9	718.2	718.5	718.7	718.5	718.3
130°	752.4	753.6	754.7	755.8	756.7	757.2	757.6	758.0	758.5	758.3	758.0
132.5°	790.4	792.4	794.2	796.1	797.0	796.9	796.8	796.7	796.7	796.4	796.2
135°	849.0	850.4	851.8	853.2	854.0	854.2	854.4	854.6	854.9	854.9	854.9
137.5°	904.5	905.8	907.1	908.5	909.5	909.9	910.4	911.0	911.4	911.7	912.0
140°	940.0	941.1	942.3	943.4	944.3	945.0	945.7	946.4	947.1	947.5	948.0
142.5°	975.4	976.4	977.3	978.3	979.3	980.1	981.0	981.9	982.8	983.0	983.3
145°	1027.8	1028.8	1029.7	1030.6	1031.4	1032.1	1032.8	1033.4	1034.1	1034.1	1034.1
147.5°	1075.8	1076.4	1076.9	1077.4	1077.9	1078.5	1079.1	1079.6	1080.1	1080.7	1081.3
150°	1107.5	1107.2	1107.1	1106.8	1107.1	1108.0	1108.9	1109.9	1110.8	1110.8	1110.8
152.5°	1134.5	1134.9	1135.2	1135.5	1135.9	1136.2	1136.6	1137.0	1137.4	1137.9	1138.4
155°	1175.1	1175.1	1175.1	1175.1	1175.2	1175.5	1175.6	1175.9	1176.1	1177.1	1177.9
157.5°	1211.0	1210.5	1210.1	1209.5	1209.3	1209.6	1209.9	1210.1	1210.3	1211.2	1212.1
160°	1232.4	1231.7	1231.0	1230.3	1230.1	1230.3	1230.6	1230.8	1231.0	1231.9	1232.9
162.5°	1251.7	1251.2	1250.6	1250.1	1249.9	1249.9	1250.0	1250.0	1250.1	1251.2	1252.3
165°	1277.2	1276.8	1276.3	1275.8	1275.7	1275.9	1276.1	1276.4	1276.6	1277.6	1278.4
167.5°	1298.2	1297.4	1296.5	1295.5	1295.0	1295.0	1295.0	1295.0	1295.0	1296.5	1297.8
170°	1309.9	1308.9	1308.1	1307.2	1306.6	1306.6	1306.6	1306.6	1306.6	1308.1	1309.4
172.5°	1318.2	1317.2	1316.3	1315.5	1314.9	1314.9	1314.9	1314.9	1314.9	1316.3	1317.7
175°	1327.5	1326.6	1325.6	1324.7	1324.3	1324.3	1324.3	1324.3	1324.3	1325.6	1327.0
177.5°	1332.5	1331.7	1331.0	1330.3	1329.8	1329.6	1329.5	1329.2	1329.0	1330.2	1331.2
180°	1331.5	1331.5	1331.5	1331.5	1331.5	1331.5	1331.5	1331.5	1331.5	1331.5	1331.5



TEST NUMBER: P333332-940

CATALOG NUMBER: S125DIP-S1270D1205U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1637.7	1637.7	1637.7	1637.7	1637.7	1637.7	1637.7
2.5°	1712.7	1717.2	1726.6	1723.3	1727.8	1730.0	1732.2
5°	1851.1	1873.3	1883.0	1881.7	1896.2	1892.7	1889.3
7.5°	2007.3	2030.7	2043.8	2060.0	2069.5	2070.2	2078.4
10°	2095.8	2126.4	2138.9	2156.2	2167.4	2173.6	2172.9
12.5°	2163.6	2187.5	2215.5	2224.1	2239.1	2247.0	2244.1
15°	2245.2	2283.4	2312.7	2327.2	2346.0	2351.5	2359.2
17.5°	2318.1	2369.4	2403.4	2448.7	2465.8	2476.3	2470.1
20°	2373.1	2440.5	2474.6	2528.8	2558.7	2574.7	2569.1
22.5°	2438.2	2511.1	2574.1	2621.1	2666.6	2688.2	2692.6
25°	2549.7	2649.7	2742.2	2804.1	2860.3	2873.5	2902.8
27.5°	2674.2	2792.2	2891.1	2956.2	2995.3	3010.1	3019.2
30°	2752.6	2870.1	2944.5	2986.2	2998.7	2997.3	2995.9
32.5°	2791.0	2864.5	2878.9	2867.2	2838.6	2814.3	2789.1
35°	2736.7	2681.7	2599.7	2494.0	2416.2	2337.6	2330.0
37.5°	2461.2	2285.6	2149.1	1996.6	1908.6	1854.3	1816.8
40°	2202.1	2002.6	1837.2	1708.6	1618.9	1583.5	1548.7
42.5°	1920.7	1730.1	1583.6	1476.1	1408.7	1369.4	1341.8
45°	1560.5	1392.3	1277.6	1199.8	1146.2	1115.6	1098.2
47.5°	1278.7	1154.3	1056.9	1000.7	963.7	940.0	940.0
50°	1127.5	1008.6	944.0	899.5	867.5	848.7	852.2
52.5°	993.5	904.6	849.4	812.2	788.5	776.9	776.6
55°	830.6	766.7	730.6	703.5	687.4	674.2	677.1
57.5°	710.5	656.6	632.4	609.9	598.8	593.5	585.9
60°	636.1	594.3	573.5	555.4	544.3	540.1	532.4
62.5°	569.9	537.1	516.7	502.0	492.0	490.6	484.6
65°	478.9	453.9	435.9	428.9	418.5	415.7	415.7
67.5°	394.8	376.9	362.8	356.4	351.9	352.6	349.2
70°	342.0	327.4	318.3	311.4	307.9	308.6	305.9
72.5°	299.2	282.9	275.0	270.8	266.3	268.0	266.9
75°	226.6	218.3	214.1	209.9	207.1	205.7	204.4
77.5°	166.4	159.1	155.9	153.5	153.9	150.5	153.2
80°	128.6	122.3	120.3	116.8	116.1	116.1	115.4
82.5°	94.1	90.6	89.1	86.2	85.0	86.1	84.3
85°	48.7	45.8	45.2	45.2	43.8	42.4	45.8
87.5°	21.8	19.8	20.0	19.6	19.7	19.3	18.3
90°	20.1	21.2	22.1	22.8	23.5	24.2	24.9
92.5°	44.3	45.8	46.9	47.3	47.9	48.4	48.9
95°	84.6	86.2	87.3	87.7	88.2	88.6	89.1
97.5°	131.6	133.1	134.0	134.3	134.6	134.8	135.1
100°	164.8	166.8	168.1	168.5	169.0	169.5	170.0
102.5°	198.5	200.7	202.2	202.9	203.5	204.1	204.7
105°	251.8	253.2	254.2	254.9	255.6	256.3	257.0
107.5°	309.6	310.3	310.7	310.6	310.6	310.5	310.4
110°	350.3	350.9	351.2	350.9	350.7	350.4	350.3



TEST NUMBER: P333332-940

CATALOG NUMBER: S125DIP-S1270D1205U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	390.6	390.9	390.8	390.5	390.0	389.6	389.2
115°	452.1	451.9	451.7	451.5	451.2	450.9	450.8
117.5°	514.7	514.9	514.5	513.6	512.7	511.8	510.9
120°	556.4	556.4	556.0	555.1	554.1	553.2	552.3
122.5°	597.4	597.2	596.7	595.9	595.2	594.5	593.8
125°	657.6	657.2	656.8	656.7	656.4	656.1	655.9
127.5°	718.0	717.8	717.5	717.0	716.5	716.0	715.6
130°	757.8	757.6	757.2	756.8	756.3	755.8	755.4
132.5°	795.9	795.7	795.3	794.6	794.0	793.4	792.7
135°	854.9	854.9	854.4	853.5	852.6	851.7	850.7
137.5°	912.3	912.6	912.1	911.0	909.8	908.7	907.5
140°	948.5	949.0	948.6	947.4	946.3	945.1	944.0
142.5°	983.6	983.8	983.4	982.2	981.1	980.0	978.8
145°	1034.1	1034.1	1033.8	1033.1	1032.4	1031.7	1031.0
147.5°	1081.8	1082.4	1081.8	1080.3	1078.7	1077.2	1075.6
150°	1110.8	1110.8	1110.6	1110.1	1109.6	1109.2	1108.8
152.5°	1139.0	1139.5	1139.4	1138.6	1137.7	1136.9	1136.1
155°	1178.8	1179.8	1179.6	1178.5	1177.3	1176.3	1175.1
157.5°	1213.1	1214.0	1213.7	1212.2	1210.7	1209.2	1207.6
160°	1233.8	1234.7	1234.6	1233.4	1232.3	1231.1	1230.0
162.5°	1253.4	1254.5	1254.4	1253.0	1251.7	1250.4	1249.0
165°	1279.3	1280.3	1280.1	1278.7	1277.3	1275.9	1274.5
167.5°	1299.2	1300.6	1300.6	1299.1	1297.7	1296.3	1294.9
170°	1310.8	1312.2	1312.1	1310.5	1308.9	1307.2	1305.6
172.5°	1319.1	1320.4	1320.4	1319.0	1317.6	1316.2	1314.7
175°	1328.4	1329.8	1329.7	1328.1	1326.5	1324.8	1323.2
177.5°	1332.4	1333.5	1333.4	1332.1	1330.8	1329.5	1328.2
180°	1331.5	1331.5	1331.5	1331.5	1331.5	1331.5	1331.5

(END OF REPORT)