

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: P1027106

Luminaire Tested: S125RDIP-B1270D1090UB2750-4F0-XX-W2A-A_3500K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1027106
REPORT IS A COMBINATION OF REPORTS P1005127 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125RDIP-B1270D1090UB2750-4F0-XX-W2A-A_3500K
Description: Define 5 Regressed Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721}
{m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

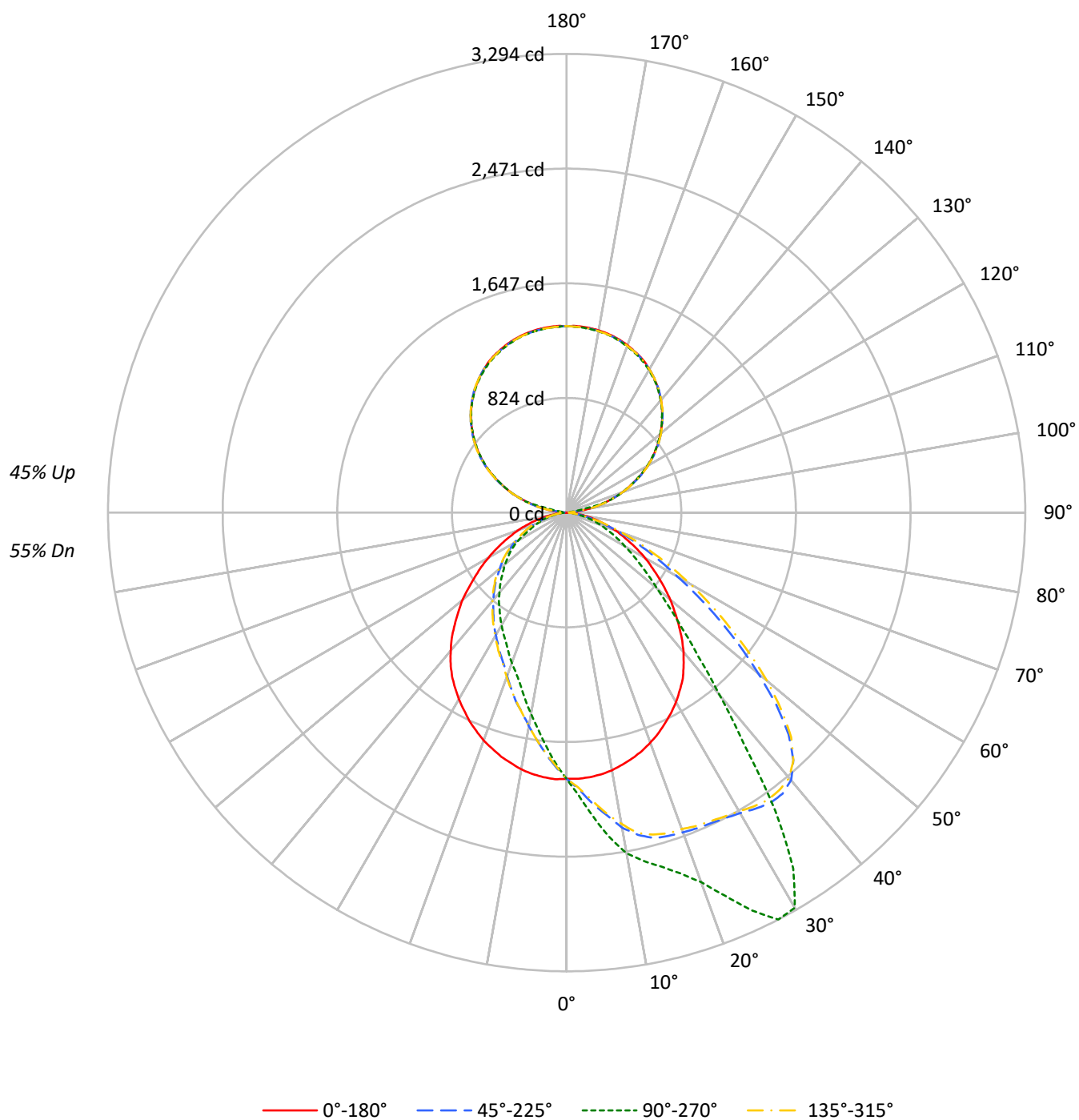
Lumens per Lamp: N/A
Luminaire Lumens: 9068.0 lumens
Efficiency: N/A
Efficacy: 101.0 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 89.8
Input Voltage (V):
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: 24 FT

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Luminous Intensity Polar Plot



TEST NUMBER: P1027106

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	108	108	108	108	100	100	100	100	86	86	86	73	73	73	60	60	60	55		
1	99	95	91	88	92	89	85	82	76	74	72	65	63	61	54	53	52	47		
2	91	84	78	73	84	78	73	68	67	63	60	57	54	52	48	46	44	40		
3	83	74	67	61	77	69	63	58	60	55	51	51	47	44	43	40	38	34		
4	76	66	58	52	71	61	54	49	53	48	44	46	42	38	39	36	33	30		
5	70	59	51	45	65	55	48	42	48	42	38	41	37	33	35	32	29	26		
6	65	53	45	39	60	49	42	37	43	37	33	37	33	29	32	28	26	23		
7	60	48	40	34	55	45	38	33	39	33	29	34	29	26	29	26	23	20		
8	56	43	36	30	52	41	34	29	36	30	26	31	27	23	27	23	21	18		
9	52	40	32	27	48	37	31	26	33	27	23	29	24	21	25	21	19	17		
10	48	36	29	24	45	34	28	23	30	25	21	26	22	19	23	19	17	15		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	12247	12247	12247	12247
5°	12236	13802	12236	10608
10°	12167	15511	12127	9171
15°	12035	16409	11953	7984
20°	11876	17714	11770	7218
25°	11668	20050	11536	6550
30°	11456	21312	11284	6073
35°	11182	17527	11026	5629
40°	10695	11903	10606	5229
45°	10057	8556	10044	4835
50°	9402	6580	9448	4472
55°	8666	5350	8649	4120
60°	7980	4385	7941	3659
65°	7180	3654	7226	2946
70°	6519	2932	6493	2453
75°	5507	2222	5507	2016
80°	4463	1355	4411	1355
85°	3139	713	3053	806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 17432 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	183.3	2.0
10°-20°	537.4	5.9
20°-30°	852.0	9.4
30°-40°	1029.6	11.4
40°-50°	916.7	10.1
50°-60°	702.9	7.8
60°-70°	456.5	5.0
70°-80°	221.6	2.4
80°-90°	54.1	0.6
90°-100°	45.4	0.5
100°-110°	302.3	3.3
110°-120°	544.3	6.0
120°-130°	698.7	7.7
130°-140°	751.4	8.3
140°-150°	705.3	7.8
150°-160°	570.5	6.3
160°-170°	368.9	4.1
170°-180°	127.2	1.4
0°-30°	1572.7	17.3
0°-40°	2602.3	28.7
0°-60°	4221.8	46.6
0°-90°	4954.0	54.6
90°-120°	892.0	9.8
90°-150°	3047.4	33.6
90°-180°	4114.0	45.4
0°-180°	9068.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1911	1911	1911	1911	1911	
5°	1907	2191	1907	1684	1907	181
15°	1827	2632	1814	1280	1827	515
25°	1670	3151	1651	1029	1670	770
35°	1455	2614	1434	840	1455	906
45°	1138	1169	1136	661	1138	878
55°	804	642	802	494	804	720
65°	499	364	502	294	499	499
75°	243	170	243	154	243	261
85°	55	36	53	41	55	63
90°	1	24	1	24	1	7
95°	57	21	57	21	57	69
105°	292	295	292	295	292	309
115°	548	544	548	544	548	543
125°	779	779	779	779	779	696
135°	972	968	972	968	972	749
145°	1127	1124	1127	1124	1127	705
155°	1241	1232	1241	1232	1241	572
165°	1310	1303	1310	1303	1310	370
175°	1339	1333	1339	1333	1339	128
180°	1339	1339	1339	1339	1339	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4
2.5°	1913.0	1928.6	1933.4	1945.9	1960.0	1963.2	1971.0	1982.0	1988.3	1986.7	1986.7
5°	1906.7	1933.4	1952.2	1974.2	2000.8	2011.8	2021.2	2044.8	2063.6	2074.6	2093.4
7.5°	1895.7	1934.9	1966.3	1999.3	2040.1	2058.9	2079.3	2112.3	2146.8	2168.7	2189.1
10°	1878.4	1928.6	1972.6	2021.2	2076.2	2104.4	2129.5	2179.7	2222.1	2250.3	2297.4
12.5°	1853.3	1916.1	1977.3	2041.6	2110.7	2140.5	2175.0	2229.9	2289.6	2330.4	2369.6
15°	1826.6	1902.0	1967.9	2044.8	2127.9	2173.5	2217.4	2275.5	2328.8	2374.3	2419.8
17.5°	1795.3	1875.3	1956.9	2044.8	2138.9	2184.4	2222.1	2291.1	2347.6	2393.2	2434.0
20°	1757.6	1847.0	1939.6	2036.9	2132.7	2175.0	2211.1	2286.4	2336.7	2385.3	2443.4
22.5°	1716.8	1814.1	1913.0	2008.7	2102.8	2148.3	2190.7	2256.6	2311.5	2377.5	2452.8
25°	1669.7	1776.4	1876.9	1972.6	2062.0	2104.4	2142.1	2214.3	2291.1	2374.3	2459.1
27.5°	1622.6	1726.2	1823.5	1911.4	2008.7	2047.9	2085.6	2176.6	2267.6	2355.5	2471.6
30°	1570.8	1676.0	1760.7	1842.3	1936.5	1977.3	2024.4	2127.9	2231.5	2350.8	2492.0
32.5°	1512.8	1608.5	1687.0	1771.7	1856.5	1906.7	1966.3	2079.3	2198.6	2341.4	2521.8
35°	1454.7	1531.6	1603.8	1683.8	1785.8	1839.2	1897.3	2016.5	2165.6	2336.7	2546.9
37.5°	1381.0	1454.7	1511.2	1592.8	1698.0	1760.7	1818.8	1956.9	2126.4	2325.7	2545.4
40°	1305.6	1368.4	1421.8	1506.5	1621.1	1679.1	1741.9	1892.6	2085.6	2294.3	2507.7
42.5°	1224.0	1277.4	1335.5	1417.1	1528.5	1585.0	1657.2	1832.9	2029.1	2250.3	2410.4
45°	1137.7	1189.5	1238.2	1322.9	1434.3	1495.5	1574.0	1754.5	1960.0	2157.8	2253.5
47.5°	1053.0	1098.5	1150.3	1224.0	1337.0	1404.5	1484.5	1677.6	1867.4	2033.8	2041.6
50°	971.4	1007.5	1051.4	1126.7	1244.4	1308.8	1392.0	1572.4	1757.6	1872.2	1795.3
52.5°	886.6	919.6	965.1	1031.0	1140.9	1216.2	1288.4	1468.8	1624.2	1701.1	1559.9
55°	803.5	831.7	878.8	952.6	1048.3	1106.3	1180.1	1348.0	1484.5	1486.1	1332.3
57.5°	721.9	747.0	786.2	852.1	941.6	1009.0	1076.5	1222.5	1315.1	1288.4	1117.3
60°	649.7	665.4	701.5	765.8	849.0	897.6	969.8	1092.2	1153.4	1104.8	921.2
62.5°	574.4	590.0	618.3	670.1	748.5	800.3	845.8	946.3	988.6	914.9	764.2
65°	499.0	517.9	538.3	579.1	652.8	687.3	728.1	801.9	842.7	756.4	626.1
67.5°	433.1	442.5	462.9	505.3	557.1	588.5	616.7	666.9	674.8	605.7	499.0
70°	371.9	375.1	393.9	419.0	458.2	477.1	500.6	530.4	530.4	473.9	389.2
72.5°	302.9	307.6	321.7	348.4	371.9	381.3	389.2	408.0	404.9	353.1	295.0
75°	243.2	246.4	257.4	269.9	279.3	296.6	302.9	299.7	298.2	254.2	221.3
77.5°	188.3	189.9	197.7	208.7	210.3	216.6	211.9	211.9	197.7	172.6	155.4
80°	138.1	139.7	142.8	145.9	145.9	145.9	145.9	138.1	128.7	113.0	108.3
82.5°	92.6	92.6	94.2	97.3	95.7	92.6	89.4	81.6	75.3	70.6	67.5
85°	54.9	54.9	56.5	54.9	48.6	47.1	43.9	42.4	40.8	39.2	39.2
87.5°	26.7	25.1	22.0	18.8	18.8	18.8	18.8	18.8	18.8	17.3	17.3
90°	1.0	2.8	4.5	6.3	8.0	8.9	9.7	11.2	12.8	14.3	15.9
92.5°	18.9	16.9	14.9	12.9	10.9	9.9	10.6	11.9	13.2	14.6	15.9
95°	56.6	55.9	55.3	54.6	53.9	53.6	49.4	41.0	32.7	24.3	15.9
97.5°	106.2	107.5	108.9	110.2	111.5	112.2	101.7	80.8	59.8	38.9	17.9
100°	165.8	166.5	167.1	167.8	168.5	168.8	169.2	170.1	171.0	171.8	172.7
102.5°	226.4	227.3	228.1	229.0	229.9	230.3	230.5	231.0	231.4	231.9	232.3
105°	291.9	292.8	293.7	294.6	295.5	295.9	295.9	295.9	295.9	295.9	295.9
107.5°	359.4	359.4	359.4	359.4	359.4	359.4	359.6	360.1	360.5	361.0	361.4
110°	424.9	424.9	424.9	424.9	424.9	424.9	425.1	425.6	426.0	426.5	426.9

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	486.5	487.2	487.8	488.5	489.2	489.5	489.6	489.8	490.0	490.2	490.4
115°	548.0	549.1	550.2	551.3	552.4	553.0	553.1	553.3	553.6	553.8	554.0
117.5°	612.6	612.6	612.6	612.6	612.6	612.6	613.0	613.9	614.8	615.6	616.5
120°	672.1	671.9	671.7	671.4	671.2	671.1	671.4	672.1	672.8	673.4	674.1
122.5°	724.7	725.8	726.9	728.0	729.1	729.7	729.8	730.0	730.3	730.5	730.7
125°	779.3	780.9	782.4	784.0	785.5	786.3	786.3	786.3	786.3	786.3	786.3
127.5°	832.0	833.1	834.2	835.3	836.4	836.9	836.8	836.6	836.3	836.1	835.9
130°	879.6	880.7	881.8	882.9	884.0	884.6	884.7	884.9	885.2	885.4	885.6
132.5°	927.3	928.6	929.9	931.2	932.5	933.2	932.9	932.2	931.6	930.9	930.3
135°	972.0	973.3	974.6	975.9	977.2	977.9	977.7	977.2	976.8	976.3	975.9
137.5°	1013.7	1015.0	1016.3	1017.6	1018.9	1019.6	1019.4	1018.9	1018.5	1018.0	1017.6
140°	1054.4	1054.8	1055.2	1055.7	1056.1	1056.3	1056.2	1056.0	1055.7	1055.5	1055.3
142.5°	1091.1	1091.3	1091.5	1091.8	1092.0	1092.1	1092.3	1092.8	1093.2	1093.7	1094.1
145°	1126.8	1127.2	1127.7	1128.1	1128.6	1128.8	1128.8	1128.8	1128.8	1128.8	1128.8
147.5°	1158.6	1158.6	1158.6	1158.6	1158.6	1158.6	1158.7	1158.9	1159.2	1159.4	1159.6
150°	1188.4	1188.0	1187.5	1187.1	1186.6	1186.4	1186.6	1187.1	1187.5	1188.0	1188.4
152.5°	1217.2	1216.1	1215.0	1213.9	1212.8	1212.2	1212.4	1212.9	1213.3	1213.8	1214.2
155°	1241.0	1239.7	1238.3	1237.0	1235.7	1235.0	1235.2	1235.7	1236.1	1236.6	1237.0
157.5°	1259.9	1259.2	1258.6	1257.9	1257.2	1256.9	1256.9	1256.9	1256.9	1256.9	1256.9
160°	1279.7	1278.4	1277.1	1275.8	1274.5	1273.8	1273.9	1274.1	1274.4	1274.6	1274.8
162.5°	1295.6	1294.3	1292.9	1291.6	1290.3	1289.6	1289.7	1289.9	1290.2	1290.4	1290.6
165°	1309.5	1308.2	1306.8	1305.5	1304.2	1303.5	1303.6	1303.8	1304.1	1304.3	1304.5
167.5°	1320.4	1319.1	1317.8	1316.5	1315.2	1314.5	1314.6	1314.8	1315.1	1315.3	1315.5
170°	1329.4	1327.8	1326.3	1324.7	1323.2	1322.4	1322.5	1322.7	1323.0	1323.2	1323.4
172.5°	1335.3	1333.8	1332.2	1330.7	1329.2	1328.4	1328.6	1329.1	1329.5	1330.0	1330.4
175°	1339.3	1338.0	1336.6	1335.3	1334.0	1333.3	1333.4	1333.6	1333.9	1334.1	1334.3
177.5°	1342.3	1341.0	1339.6	1338.3	1337.0	1336.3	1336.4	1336.6	1336.9	1337.1	1337.3
180°	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4
2.5°	1994.6	2005.5	2015.0	2010.2	2029.1	2027.5	2030.6	2036.9	2038.5	2035.4	2029.1
5°	2102.8	2118.5	2145.2	2159.3	2156.2	2168.7	2175.0	2184.4	2193.9	2190.7	2190.7
7.5°	2223.7	2245.6	2272.3	2308.4	2313.1	2324.1	2342.9	2342.9	2353.9	2349.2	2347.6
10°	2328.8	2355.5	2397.9	2426.1	2438.7	2444.9	2463.8	2470.0	2482.6	2484.2	2484.2
12.5°	2415.1	2462.2	2490.4	2518.7	2525.0	2534.4	2548.5	2557.9	2562.6	2562.6	2557.9
15°	2460.6	2498.3	2531.2	2561.1	2578.3	2586.2	2600.3	2611.3	2617.6	2631.7	2634.8
17.5°	2479.5	2525.0	2578.3	2620.7	2650.5	2658.4	2686.6	2696.0	2708.6	2714.9	2722.7
20°	2506.1	2572.0	2636.4	2688.2	2716.4	2736.8	2766.6	2810.6	2823.1	2823.1	2818.4
22.5°	2529.7	2614.4	2702.3	2785.5	2809.0	2849.8	2904.7	2951.8	2970.6	2978.5	2972.2
25°	2557.9	2674.1	2788.6	2892.2	2956.5	2986.3	3060.1	3116.6	3138.6	3151.1	3154.3
27.5°	2606.6	2752.5	2898.5	3030.3	3096.2	3130.7	3207.6	3256.3	3282.9	3293.9	3286.1
30°	2661.5	2840.4	3009.9	3127.6	3171.5	3213.9	3264.1	3282.9	3276.7	3276.7	3300.2
32.5°	2718.0	2903.2	3053.8	3130.7	3146.4	3140.1	3119.7	3063.2	3030.3	3030.3	3050.7
35°	2749.4	2909.4	2986.3	2961.2	2900.0	2863.9	2752.5	2689.7	2619.1	2614.4	2638.0
37.5°	2732.1	2801.2	2769.8	2605.0	2521.8	2452.8	2278.6	2209.5	2157.8	2085.6	2197.0
40°	2611.3	2587.7	2424.5	2187.6	2095.0	1997.7	1859.6	1790.5	1718.4	1707.4	1734.1
42.5°	2407.3	2267.6	2029.1	1800.0	1705.8	1636.8	1531.6	1464.1	1418.6	1399.8	1431.2
45°	2153.1	1933.4	1694.8	1512.8	1409.2	1373.1	1277.4	1217.8	1183.2	1169.1	1191.1
47.5°	1842.3	1621.1	1395.1	1241.3	1180.1	1144.0	1079.7	1027.9	998.1	988.6	998.1
50°	1564.6	1337.0	1147.1	1048.3	993.4	963.5	910.2	877.2	853.7	847.4	863.1
52.5°	1324.5	1117.3	973.0	885.1	849.0	823.9	786.2	758.0	743.8	737.6	748.5
55°	1109.5	941.6	825.4	750.1	723.4	707.7	674.8	659.1	643.4	641.8	652.8
57.5°	919.6	803.5	696.8	643.4	635.6	612.0	583.8	569.6	561.8	560.2	564.9
60°	765.8	662.2	597.9	550.8	539.8	521.0	505.3	495.9	486.5	483.3	486.5
62.5°	637.1	555.5	503.7	472.4	456.7	452.0	434.7	423.7	422.1	422.1	425.3
65°	525.7	456.7	423.7	398.6	387.6	382.9	370.4	362.5	364.1	364.1	365.6
67.5°	428.4	378.2	348.4	335.8	326.4	324.8	312.3	309.1	306.0	306.0	309.1
70°	340.5	309.1	287.2	280.9	279.3	268.3	263.6	262.1	257.4	258.9	258.9
72.5°	266.8	246.4	233.8	224.4	226.0	219.7	213.4	213.4	210.3	215.0	215.0
75°	197.7	188.3	178.9	175.8	178.9	175.8	171.1	169.5	171.1	169.5	169.5
77.5°	145.9	141.2	138.1	136.5	136.5	130.3	127.1	130.3	124.0	127.1	127.1
80°	102.0	95.7	94.2	91.0	92.6	87.9	89.4	86.3	86.3	86.3	86.3
82.5°	64.3	62.8	62.8	62.8	61.2	61.2	61.2	61.2	61.2	61.2	59.6
85°	39.2	37.7	37.7	37.7	36.1	36.1	36.1	36.1	36.1	36.1	36.1
87.5°	15.7	17.3	17.3	18.8	17.3	15.7	15.7	15.7	17.3	17.3	15.7
90°	17.0	18.1	19.2	20.3	20.8	21.1	21.8	22.5	23.1	23.8	23.1
92.5°	17.0	18.1	19.2	20.3	20.8	20.9	21.1	21.4	21.6	21.8	21.6
95°	17.0	18.1	19.2	20.3	20.8	20.8	20.8	20.8	20.8	20.8	20.8
97.5°	18.3	18.8	19.2	19.7	19.9	20.0	20.2	20.4	20.6	20.8	20.6
100°	139.8	107.0	74.1	41.2	24.8	24.4	23.5	22.6	21.7	20.8	21.7
102.5°	232.7	233.2	233.6	234.1	234.3	225.0	206.5	188.0	169.4	150.9	169.4
105°	295.9	295.9	295.9	295.9	295.9	295.8	295.6	295.3	295.1	294.9	295.1
107.5°	361.6	361.8	362.1	362.3	362.4	362.0	361.1	360.2	359.3	358.4	359.3
110°	426.2	425.6	424.9	424.2	423.9	424.0	424.2	424.5	424.7	424.9	424.7

TEST NUMBER: P1027106

CATALOG NUMBER: S125RDIP-B1270D1090UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	489.5	488.7	487.8	486.9	486.5	486.3	485.8	485.4	484.9	484.5	484.9
115°	553.1	552.2	551.3	550.4	550.0	549.3	548.0	546.7	545.4	544.1	545.4
117.5°	615.2	613.9	612.6	611.3	610.6	610.4	609.9	609.5	609.0	608.6	609.0
120°	673.7	673.2	672.8	672.3	672.1	671.6	670.5	669.4	668.3	667.2	668.3
122.5°	730.3	729.8	729.4	728.9	728.7	728.0	726.7	725.4	724.1	722.8	724.1
125°	785.4	784.5	783.6	782.7	782.3	782.0	781.3	780.6	780.0	779.3	780.0
127.5°	835.5	835.1	834.6	834.2	834.0	833.1	831.3	829.6	827.8	826.0	827.8
130°	884.9	884.3	883.6	882.9	882.6	882.0	880.9	879.8	878.7	877.6	878.7
132.5°	930.3	930.3	930.3	930.3	930.3	929.7	928.6	927.5	926.4	925.3	926.4
135°	975.5	975.0	974.6	974.1	973.9	973.2	971.9	970.6	969.3	968.0	969.3
137.5°	1017.6	1017.6	1017.6	1017.6	1017.6	1017.1	1016.0	1014.9	1013.8	1012.7	1013.8
140°	1055.7	1056.2	1056.6	1057.1	1057.3	1056.6	1055.3	1054.0	1052.7	1051.4	1052.7
142.5°	1094.1	1094.1	1094.1	1094.1	1094.1	1093.4	1092.1	1090.8	1089.4	1088.1	1089.4
145°	1129.0	1129.2	1129.5	1129.7	1129.8	1129.1	1127.8	1126.5	1125.2	1123.9	1125.2
147.5°	1159.8	1160.0	1160.3	1160.5	1160.6	1159.8	1158.3	1156.7	1155.2	1153.6	1155.2
150°	1188.8	1189.3	1189.7	1190.2	1190.4	1189.5	1187.7	1186.0	1184.2	1182.4	1184.2
152.5°	1214.6	1215.1	1215.5	1216.0	1216.2	1215.4	1213.9	1212.3	1210.8	1209.2	1210.8
155°	1237.7	1238.3	1239.0	1239.7	1240.0	1239.1	1237.4	1235.6	1233.9	1232.1	1233.9
157.5°	1257.6	1258.2	1258.9	1259.6	1259.9	1259.0	1257.2	1255.5	1253.7	1251.9	1253.7
160°	1275.7	1276.5	1277.4	1278.3	1278.7	1277.8	1276.1	1274.3	1272.6	1270.8	1272.6
162.5°	1291.9	1293.3	1294.6	1295.9	1296.6	1295.6	1293.6	1291.7	1289.7	1287.7	1289.7
165°	1305.8	1307.2	1308.5	1309.8	1310.5	1309.6	1307.9	1306.1	1304.4	1302.6	1304.4
167.5°	1317.0	1318.6	1320.1	1321.6	1322.4	1321.4	1319.4	1317.5	1315.5	1313.5	1315.5
170°	1325.2	1326.9	1328.7	1330.4	1331.3	1330.3	1328.3	1326.4	1324.4	1322.4	1324.4
172.5°	1331.9	1333.5	1335.0	1336.5	1337.3	1336.3	1334.3	1332.4	1330.4	1328.4	1330.4
175°	1336.1	1337.9	1339.6	1341.4	1342.3	1341.3	1339.3	1337.3	1335.3	1333.3	1335.3
177.5°	1338.9	1340.4	1342.0	1343.5	1344.3	1343.4	1341.6	1339.9	1338.1	1336.3	1338.1
180°	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3

TEST NUMBER: P1027106

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4
2.5°	2036.9	2025.9	2030.6	2025.9	2021.2	2016.5	2005.5	1989.8	1977.3	1967.9	1966.3
5°	2193.9	2179.7	2170.3	2165.6	2156.2	2143.6	2123.2	2099.7	2071.4	2060.5	2038.5
7.5°	2338.2	2333.5	2311.5	2308.4	2302.1	2278.6	2244.1	2212.7	2176.6	2146.8	2118.5
10°	2474.8	2463.8	2448.1	2426.1	2423.0	2393.2	2360.2	2316.3	2269.2	2240.9	2190.7
12.5°	2559.5	2546.9	2529.7	2515.6	2507.7	2488.9	2443.4	2399.4	2357.1	2305.3	2261.3
15°	2620.7	2605.0	2573.6	2562.6	2553.2	2528.1	2495.2	2449.6	2393.2	2357.1	2294.3
17.5°	2703.9	2685.0	2653.7	2633.3	2616.0	2576.8	2529.7	2468.5	2415.1	2374.3	2317.8
20°	2799.6	2771.3	2730.5	2703.9	2678.8	2633.3	2567.3	2495.2	2418.3	2368.0	2310.0
22.5°	2958.1	2904.7	2840.4	2802.7	2768.2	2689.7	2611.3	2521.8	2435.5	2360.2	2289.6
25°	3111.9	3058.5	2978.5	2926.7	2873.4	2782.3	2678.8	2554.8	2444.9	2357.1	2264.5
27.5°	3254.7	3199.8	3126.0	3063.2	3011.4	2874.9	2738.4	2598.7	2459.1	2338.2	2244.1
30°	3287.6	3264.1	3207.6	3152.7	3105.6	2980.1	2821.6	2644.2	2476.3	2321.0	2215.8
32.5°	3088.3	3146.4	3160.5	3152.7	3122.9	3033.4	2887.5	2700.7	2501.4	2313.1	2168.7
35°	2674.1	2779.2	2887.5	2945.5	2973.8	2986.3	2900.0	2729.0	2518.7	2300.6	2137.4
37.5°	2217.4	2319.4	2490.4	2576.8	2672.5	2798.0	2832.6	2722.7	2510.8	2291.1	2087.1
40°	1821.9	1952.2	2093.4	2171.9	2255.1	2481.0	2652.1	2639.5	2485.7	2256.6	2047.9
42.5°	1483.0	1564.6	1688.5	1774.9	1876.9	2129.5	2358.6	2471.6	2410.4	2214.3	1997.7
45°	1236.6	1299.4	1387.2	1475.1	1537.9	1767.0	2038.5	2223.7	2281.7	2138.9	1920.8
47.5°	1042.0	1089.1	1166.0	1220.9	1288.4	1468.8	1704.2	1964.7	2087.1	2032.2	1839.2
50°	892.9	930.6	991.8	1026.3	1085.9	1241.3	1420.2	1693.3	1878.4	1884.7	1730.9
52.5°	762.7	800.3	852.1	881.9	918.0	1023.2	1203.6	1434.3	1647.7	1726.2	1606.9
55°	663.8	685.8	728.1	751.7	784.6	886.6	1001.2	1197.4	1420.2	1548.9	1473.6
57.5°	572.8	596.3	623.0	641.8	665.4	747.0	850.5	998.1	1219.3	1359.0	1333.9
60°	499.0	513.2	538.3	552.4	574.4	627.7	699.9	847.4	1023.2	1155.0	1169.1
62.5°	430.0	442.5	459.8	472.4	486.5	528.8	582.2	687.3	841.1	983.9	1002.8
65°	370.4	381.3	390.8	401.7	412.7	439.4	484.9	566.5	685.8	819.2	860.0
67.5°	317.0	320.1	334.3	335.8	342.1	362.5	395.5	461.4	547.7	654.4	707.7
70°	265.2	271.5	274.6	279.3	285.6	299.7	326.4	360.9	425.3	511.6	561.8
72.5°	215.0	216.6	221.3	224.4	230.7	241.7	254.2	280.9	321.7	384.5	430.0
75°	171.1	172.6	175.8	177.3	182.0	185.2	191.5	210.3	238.5	276.2	309.1
77.5°	128.7	131.8	135.0	135.0	136.5	139.7	142.8	149.1	163.2	188.3	216.6
80°	87.9	89.4	89.4	91.0	89.4	94.2	98.9	106.7	113.0	120.8	135.0
82.5°	61.2	61.2	61.2	62.8	62.8	64.3	64.3	65.9	67.5	72.2	78.5
85°	37.7	37.7	39.2	36.1	37.7	39.2	39.2	37.7	39.2	40.8	42.4
87.5°	15.7	15.7	17.3	17.3	17.3	17.3	15.7	17.3	15.7	17.3	17.3
90°	22.5	21.8	21.1	20.8	20.3	19.2	18.1	17.0	15.9	14.3	12.8
92.5°	21.4	21.1	20.9	20.8	20.3	19.2	18.1	17.0	15.9	14.6	13.2
95°	20.8	20.8	20.8	20.8	20.3	19.2	18.1	17.0	15.9	24.3	32.7
97.5°	20.4	20.2	20.0	19.9	19.7	19.2	18.8	18.3	17.9	38.9	59.8
100°	22.6	23.5	24.4	24.8	41.2	74.1	107.0	139.8	172.7	171.8	171.0
102.5°	188.0	206.5	225.0	234.3	234.1	233.6	233.2	232.7	232.3	231.9	231.4
105°	295.3	295.6	295.8	295.9	295.9	295.9	295.9	295.9	295.9	295.9	295.9
107.5°	360.2	361.1	362.0	362.4	362.3	362.1	361.8	361.6	361.4	361.0	360.5
110°	424.5	424.2	424.0	423.9	424.2	424.9	425.6	426.2	426.9	426.5	426.0

TEST NUMBER: P1027106

CATALOG NUMBER: S125RDIP-B1270D1090UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	485.4	485.8	486.3	486.5	486.9	487.8	488.7	489.5	490.4	490.2	490.0
115°	546.7	548.0	549.3	550.0	550.4	551.3	552.2	553.1	554.0	553.8	553.6
117.5°	609.5	609.9	610.4	610.6	611.3	612.6	613.9	615.2	616.5	615.6	614.8
120°	669.4	670.5	671.6	672.1	672.3	672.8	673.2	673.7	674.1	673.4	672.8
122.5°	725.4	726.7	728.0	728.7	728.9	729.4	729.8	730.3	730.7	730.5	730.3
125°	780.6	781.3	782.0	782.3	782.7	783.6	784.5	785.4	786.3	786.3	786.3
127.5°	829.6	831.3	833.1	834.0	834.2	834.6	835.1	835.5	835.9	836.1	836.3
130°	879.8	880.9	882.0	882.6	882.9	883.6	884.3	884.9	885.6	885.4	885.2
132.5°	927.5	928.6	929.7	930.3	930.3	930.3	930.3	930.3	930.3	930.9	931.6
135°	970.6	971.9	973.2	973.9	974.1	974.6	975.0	975.5	975.9	976.3	976.8
137.5°	1014.9	1016.0	1017.1	1017.6	1017.6	1017.6	1017.6	1017.6	1017.6	1018.0	1018.5
140°	1054.0	1055.3	1056.6	1057.3	1057.1	1056.6	1056.2	1055.7	1055.3	1055.5	1055.7
142.5°	1090.8	1092.1	1093.4	1094.1	1094.1	1094.1	1094.1	1094.1	1094.1	1093.7	1093.2
145°	1126.5	1127.8	1129.1	1129.8	1129.7	1129.5	1129.2	1129.0	1128.8	1128.8	1128.8
147.5°	1156.7	1158.3	1159.8	1160.6	1160.5	1160.3	1160.0	1159.8	1159.6	1159.4	1159.2
150°	1186.0	1187.7	1189.5	1190.4	1190.2	1189.7	1189.3	1188.8	1188.4	1188.0	1187.5
152.5°	1212.3	1213.9	1215.4	1216.2	1216.0	1215.5	1215.1	1214.6	1214.2	1213.8	1213.3
155°	1235.6	1237.4	1239.1	1240.0	1239.7	1239.0	1238.3	1237.7	1237.0	1236.6	1236.1
157.5°	1255.5	1257.2	1259.0	1259.9	1259.6	1258.9	1258.2	1257.6	1256.9	1256.9	1256.9
160°	1274.3	1276.1	1277.8	1278.7	1278.3	1277.4	1276.5	1275.7	1274.8	1274.6	1274.4
162.5°	1291.7	1293.6	1295.6	1296.6	1295.9	1294.6	1293.3	1291.9	1290.6	1290.4	1290.2
165°	1306.1	1307.9	1309.6	1310.5	1309.8	1308.5	1307.2	1305.8	1304.5	1304.3	1304.1
167.5°	1317.5	1319.4	1321.4	1322.4	1321.6	1320.1	1318.6	1317.0	1315.5	1315.3	1315.1
170°	1326.4	1328.3	1330.3	1331.3	1330.4	1328.7	1326.9	1325.2	1323.4	1323.2	1323.0
172.5°	1332.4	1334.3	1336.3	1337.3	1336.5	1335.0	1333.5	1331.9	1330.4	1330.0	1329.5
175°	1337.3	1339.3	1341.3	1342.3	1341.4	1339.6	1337.9	1336.1	1334.3	1334.1	1333.9
177.5°	1339.9	1341.6	1343.4	1344.3	1343.5	1342.0	1340.4	1338.9	1337.3	1337.1	1336.9
180°	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3

TEST NUMBER: P1027106

CATALOG NUMBER: S125RDIP-B1270D1090UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4
2.5°	1961.6	1952.2	1945.9	1944.3	1934.9	1927.1	1917.7	1916.1	1911.4	1898.8	1891.0
5°	2022.8	2000.8	1996.1	1982.0	1958.5	1941.2	1919.2	1906.7	1892.6	1869.0	1850.2
7.5°	2085.6	2055.8	2033.8	2013.4	1980.4	1949.0	1917.7	1892.6	1867.4	1832.9	1804.7
10°	2146.8	2101.3	2074.6	2044.8	1999.3	1952.2	1908.2	1872.2	1831.3	1790.5	1749.7
12.5°	2203.3	2145.2	2106.0	2063.6	2007.1	1949.0	1892.6	1842.3	1800.0	1745.0	1699.5
15°	2237.8	2173.5	2134.2	2093.4	2008.7	1944.3	1878.4	1814.1	1757.6	1699.5	1657.2
17.5°	2258.2	2186.0	2142.1	2104.4	2018.1	1930.2	1845.5	1776.4	1715.2	1646.2	1589.7
20°	2248.8	2178.2	2137.4	2101.3	2000.8	1913.0	1821.9	1741.9	1665.0	1594.4	1534.8
22.5°	2228.4	2154.6	2109.1	2076.2	1986.7	1883.1	1782.7	1696.4	1616.4	1545.7	1478.3
25°	2184.4	2112.3	2073.0	2032.2	1944.3	1845.5	1743.5	1650.9	1566.1	1490.8	1415.5
27.5°	2145.2	2057.3	2016.5	1980.4	1887.8	1800.0	1699.5	1597.5	1511.2	1432.8	1357.4
30°	2099.7	2000.8	1956.9	1908.2	1825.1	1741.9	1641.5	1547.3	1457.9	1374.7	1302.5
32.5°	2051.0	1936.5	1886.3	1831.3	1746.6	1668.1	1583.4	1490.8	1401.4	1319.8	1244.4
35°	1988.3	1865.9	1807.8	1756.0	1668.1	1589.7	1511.2	1434.3	1344.9	1258.6	1186.4
37.5°	1928.6	1793.7	1732.5	1672.9	1580.3	1504.9	1440.6	1368.4	1282.1	1198.9	1129.9
40°	1861.2	1705.8	1643.0	1588.1	1492.4	1409.2	1351.2	1294.7	1219.3	1139.3	1064.0
42.5°	1800.0	1624.2	1558.3	1501.8	1401.4	1322.9	1268.0	1220.9	1155.0	1081.2	1004.3
45°	1715.2	1536.3	1468.8	1409.2	1307.2	1233.5	1177.0	1136.2	1084.4	1015.3	946.3
47.5°	1636.8	1451.6	1377.8	1305.6	1213.1	1137.7	1085.9	1054.6	1020.0	958.8	888.2
50°	1541.0	1354.3	1279.0	1219.3	1114.2	1049.8	998.1	976.1	944.7	886.6	830.1
52.5°	1437.5	1260.1	1189.5	1117.3	1020.0	957.3	911.8	886.6	861.5	819.2	765.8
55°	1316.6	1155.0	1089.1	1024.7	927.4	869.4	828.6	801.9	787.8	748.5	709.3
57.5°	1200.5	1048.3	987.1	927.4	842.7	776.8	750.1	726.6	706.2	677.9	645.0
60°	1082.8	944.7	878.8	825.4	751.7	692.1	670.1	646.5	630.9	608.9	585.3
62.5°	947.8	830.1	779.9	729.7	666.9	619.9	594.8	575.9	555.5	541.4	521.0
65°	805.0	721.9	673.2	635.6	575.9	533.6	514.7	502.2	484.9	470.8	455.1
67.5°	671.7	605.7	585.3	544.5	499.0	461.4	447.2	431.6	417.4	409.6	395.5
70°	543.0	495.9	475.5	464.5	414.3	389.2	376.6	370.4	353.1	345.2	335.8
72.5°	420.6	403.3	389.2	375.1	342.1	326.4	312.3	306.0	293.5	287.2	284.0
75°	310.7	299.7	291.9	290.3	276.2	260.5	246.4	243.2	233.8	227.5	224.4
77.5°	218.1	215.0	213.4	215.0	205.6	196.2	193.0	189.9	178.9	177.3	177.3
80°	142.8	150.7	150.7	149.1	145.9	144.4	139.7	136.5	130.3	128.7	130.3
82.5°	87.9	92.6	94.2	97.3	95.7	94.2	91.0	89.4	91.0	87.9	89.4
85°	43.9	47.1	53.4	53.4	54.9	54.9	54.9	53.4	50.2	51.8	50.2
87.5°	17.3	18.8	18.8	18.8	17.3	22.0	23.5	23.5	23.5	20.4	20.4
90°	11.2	9.7	8.9	8.0	6.3	4.5	2.8	1.0	2.8	4.5	6.3
92.5°	11.9	10.6	9.9	10.9	12.9	14.9	16.9	18.9	16.9	14.9	12.9
95°	41.0	49.4	53.6	53.9	54.6	55.3	55.9	56.6	55.9	55.3	54.6
97.5°	80.8	101.7	112.2	111.5	110.2	108.9	107.5	106.2	107.5	108.9	110.2
100°	170.1	169.2	168.8	168.5	167.8	167.1	166.5	165.8	166.5	167.1	167.8
102.5°	231.0	230.5	230.3	229.9	229.0	228.1	227.3	226.4	227.3	228.1	229.0
105°	295.9	295.9	295.9	295.5	294.6	293.7	292.8	291.9	292.8	293.7	294.6
107.5°	360.1	359.6	359.4	359.4	359.4	359.4	359.4	359.4	359.4	359.4	359.4
110°	425.6	425.1	424.9	424.9	424.9	424.9	424.9	424.9	424.9	424.9	424.9

TEST NUMBER: P1027106

CATALOG NUMBER: S125RDIP-B1270D1090UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	489.8	489.6	489.5	489.2	488.5	487.8	487.2	486.5	487.2	487.8	488.5
115°	553.3	553.1	553.0	552.4	551.3	550.2	549.1	548.0	549.1	550.2	551.3
117.5°	613.9	613.0	612.6	612.6	612.6	612.6	612.6	612.6	612.6	612.6	612.6
120°	672.1	671.4	671.1	671.2	671.4	671.7	671.9	672.1	671.9	671.7	671.4
122.5°	730.0	729.8	729.7	729.1	728.0	726.9	725.8	724.7	725.8	726.9	728.0
125°	786.3	786.3	786.3	785.5	784.0	782.4	780.9	779.3	780.9	782.4	784.0
127.5°	836.6	836.8	836.9	836.4	835.3	834.2	833.1	832.0	833.1	834.2	835.3
130°	884.9	884.7	884.6	884.0	882.9	881.8	880.7	879.6	880.7	881.8	882.9
132.5°	932.2	932.9	933.2	932.5	931.2	929.9	928.6	927.3	928.6	929.9	931.2
135°	977.2	977.7	977.9	977.2	975.9	974.6	973.3	972.0	973.3	974.6	975.9
137.5°	1018.9	1019.4	1019.6	1018.9	1017.6	1016.3	1015.0	1013.7	1015.0	1016.3	1017.6
140°	1056.0	1056.2	1056.3	1056.1	1055.7	1055.2	1054.8	1054.4	1054.8	1055.2	1055.7
142.5°	1092.8	1092.3	1092.1	1092.0	1091.8	1091.5	1091.3	1091.1	1091.3	1091.5	1091.8
145°	1128.8	1128.8	1128.8	1128.6	1128.1	1127.7	1127.2	1126.8	1127.2	1127.7	1128.1
147.5°	1158.9	1158.7	1158.6	1158.6	1158.6	1158.6	1158.6	1158.6	1158.6	1158.6	1158.6
150°	1187.1	1186.6	1186.4	1186.6	1187.1	1187.5	1188.0	1188.4	1188.0	1187.5	1187.1
152.5°	1212.9	1212.4	1212.2	1212.8	1213.9	1215.0	1216.1	1217.2	1216.1	1215.0	1213.9
155°	1235.7	1235.2	1235.0	1235.7	1237.0	1238.3	1239.7	1241.0	1239.7	1238.3	1237.0
157.5°	1256.9	1256.9	1256.9	1257.2	1257.9	1258.6	1259.2	1259.9	1259.2	1258.6	1257.9
160°	1274.1	1273.9	1273.8	1274.5	1275.8	1277.1	1278.4	1279.7	1278.4	1277.1	1275.8
162.5°	1289.9	1289.7	1289.6	1290.3	1291.6	1292.9	1294.3	1295.6	1294.3	1292.9	1291.6
165°	1303.8	1303.6	1303.5	1304.2	1305.5	1306.8	1308.2	1309.5	1308.2	1306.8	1305.5
167.5°	1314.8	1314.6	1314.5	1315.2	1316.5	1317.8	1319.1	1320.4	1319.1	1317.8	1316.5
170°	1322.7	1322.5	1322.4	1323.2	1324.7	1326.3	1327.8	1329.4	1327.8	1326.3	1324.7
172.5°	1329.1	1328.6	1328.4	1329.2	1330.7	1332.2	1333.8	1335.3	1333.8	1332.2	1330.7
175°	1333.6	1333.4	1333.3	1334.0	1335.3	1336.6	1338.0	1339.3	1338.0	1336.6	1335.3
177.5°	1336.6	1336.4	1336.3	1337.0	1338.3	1339.6	1341.0	1342.3	1341.0	1339.6	1338.3
180°	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3

TEST NUMBER: P1027106

CATALOG NUMBER: S125RDIP-B1270D1090UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4
2.5°	1886.3	1880.0	1875.3	1870.6	1850.2	1828.2	1825.1	1820.4	1810.9	1821.9	1817.2
5°	1837.6	1823.5	1815.7	1795.3	1770.1	1751.3	1735.6	1716.8	1708.9	1702.7	1701.1
7.5°	1778.0	1765.4	1751.3	1730.9	1699.5	1668.1	1644.6	1625.8	1610.1	1602.2	1602.2
10°	1719.9	1704.2	1685.4	1650.9	1621.1	1581.8	1556.7	1537.9	1515.9	1503.4	1492.4
12.5°	1660.3	1643.0	1625.8	1581.8	1547.3	1506.5	1470.4	1446.9	1435.9	1421.8	1402.9
15°	1600.7	1574.0	1556.7	1512.8	1468.8	1428.0	1404.5	1379.4	1354.3	1340.2	1333.9
17.5°	1537.9	1519.1	1490.8	1443.7	1395.1	1359.0	1324.5	1300.9	1271.1	1257.0	1242.9
20°	1481.4	1453.2	1424.9	1377.8	1330.7	1282.1	1247.6	1219.3	1200.5	1189.5	1177.0
22.5°	1413.9	1387.2	1363.7	1313.5	1261.7	1216.2	1178.5	1161.3	1142.4	1125.2	1112.6
25°	1355.9	1329.2	1305.6	1250.7	1194.2	1151.9	1123.6	1101.6	1081.2	1073.4	1060.8
27.5°	1294.7	1269.5	1238.2	1183.2	1133.0	1096.9	1067.1	1046.7	1031.0	1015.3	1005.9
30°	1236.6	1208.3	1180.1	1120.5	1079.7	1043.6	1015.3	990.2	977.7	969.8	954.1
32.5°	1180.1	1144.0	1120.5	1065.5	1026.3	991.8	968.2	946.3	930.6	916.5	903.9
35°	1118.9	1079.7	1056.1	1010.6	969.8	935.3	914.9	899.2	880.4	867.8	861.5
37.5°	1060.8	1027.9	1004.3	957.3	916.5	888.2	866.2	845.8	838.0	820.7	817.6
40°	998.1	969.8	947.8	902.3	864.7	842.7	819.2	800.3	786.2	778.4	767.4
42.5°	941.6	918.0	894.5	852.1	816.0	789.3	772.1	754.8	742.3	729.7	721.9
45°	889.8	864.7	842.7	801.9	765.8	742.3	725.0	704.6	701.5	684.2	676.4
47.5°	834.9	812.9	794.1	751.7	718.7	695.2	674.8	660.7	646.5	640.3	629.3
50°	781.5	759.5	737.6	699.9	670.1	646.5	626.1	610.4	602.6	593.2	583.8
52.5°	723.4	706.2	688.9	649.7	619.9	599.5	582.2	561.8	554.0	546.1	539.8
55°	674.8	649.7	630.9	597.9	571.2	549.2	530.4	514.7	506.9	500.6	492.8
57.5°	608.9	593.2	577.5	547.7	522.6	500.6	481.8	469.2	459.8	455.1	456.7
60°	552.4	535.1	525.7	494.3	469.2	452.0	434.7	422.1	412.7	408.0	406.4
62.5°	492.8	480.2	462.9	441.0	415.9	400.2	387.6	378.2	362.5	360.9	356.2
65°	434.7	425.3	409.6	389.2	368.8	354.7	340.5	328.0	321.7	313.9	309.1
67.5°	378.2	368.8	354.7	337.4	323.3	309.1	296.6	284.0	273.1	266.8	263.6
70°	323.3	315.4	306.0	285.6	268.3	257.4	247.9	240.1	229.1	226.0	224.4
72.5°	269.9	262.1	257.4	240.1	224.4	215.0	205.6	197.7	193.0	191.5	186.7
75°	221.3	213.4	207.1	191.5	182.0	175.8	166.3	163.2	158.5	156.9	155.4
77.5°	172.6	164.8	163.2	152.2	141.2	138.1	135.0	128.7	128.7	128.7	125.5
80°	124.0	122.4	120.8	109.8	105.1	102.0	100.4	95.7	92.6	89.4	87.9
82.5°	83.2	81.6	80.0	75.3	70.6	69.0	67.5	64.3	64.3	65.9	62.8
85°	50.2	47.1	45.5	43.9	40.8	40.8	42.4	40.8	40.8	40.8	39.2
87.5°	18.8	18.8	18.8	18.8	20.4	17.3	18.8	18.8	17.3	17.3	15.7
90°	8.0	8.9	9.7	11.2	12.8	14.3	15.9	17.0	18.1	19.2	20.3
92.5°	10.9	9.9	10.6	11.9	13.2	14.6	15.9	17.0	18.1	19.2	20.3
95°	53.9	53.6	49.4	41.0	32.7	24.3	15.9	17.0	18.1	19.2	20.3
97.5°	111.5	112.2	101.7	80.8	59.8	38.9	17.9	18.3	18.8	19.2	19.7
100°	168.5	168.8	169.2	170.1	171.0	171.8	172.7	139.8	107.0	74.1	41.2
102.5°	229.9	230.3	230.5	231.0	231.4	231.9	232.3	232.7	233.2	233.6	234.1
105°	295.5	295.9	295.9	295.9	295.9	295.9	295.9	295.9	295.9	295.9	295.9
107.5°	359.4	359.4	359.6	360.1	360.5	361.0	361.4	361.6	361.8	362.1	362.3
110°	424.9	424.9	425.1	425.6	426.0	426.5	426.9	426.2	425.6	424.9	424.2

TEST NUMBER: P1027106

CATALOG NUMBER: S125RDIP-B1270D1090UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	489.2	489.5	489.6	489.8	490.0	490.2	490.4	489.5	488.7	487.8	486.9
115°	552.4	553.0	553.1	553.3	553.6	553.8	554.0	553.1	552.2	551.3	550.4
117.5°	612.6	612.6	613.0	613.9	614.8	615.6	616.5	615.2	613.9	612.6	611.3
120°	671.2	671.1	671.4	672.1	672.8	673.4	674.1	673.7	673.2	672.8	672.3
122.5°	729.1	729.7	729.8	730.0	730.3	730.5	730.7	730.3	729.8	729.4	728.9
125°	785.5	786.3	786.3	786.3	786.3	786.3	786.3	785.4	784.5	783.6	782.7
127.5°	836.4	836.9	836.8	836.6	836.3	836.1	835.9	835.5	835.1	834.6	834.2
130°	884.0	884.6	884.7	884.9	885.2	885.4	885.6	884.9	884.3	883.6	882.9
132.5°	932.5	933.2	932.9	932.2	931.6	930.9	930.3	930.3	930.3	930.3	930.3
135°	977.2	977.9	977.7	977.2	976.8	976.3	975.9	975.5	975.0	974.6	974.1
137.5°	1018.9	1019.6	1019.4	1018.9	1018.5	1018.0	1017.6	1017.6	1017.6	1017.6	1017.6
140°	1056.1	1056.3	1056.2	1056.0	1055.7	1055.5	1055.3	1055.7	1056.2	1056.6	1057.1
142.5°	1092.0	1092.1	1092.3	1092.8	1093.2	1093.7	1094.1	1094.1	1094.1	1094.1	1094.1
145°	1128.6	1128.8	1128.8	1128.8	1128.8	1128.8	1128.8	1129.0	1129.2	1129.5	1129.7
147.5°	1158.6	1158.6	1158.7	1158.9	1159.2	1159.4	1159.6	1159.8	1160.0	1160.3	1160.5
150°	1186.6	1186.4	1186.6	1187.1	1187.5	1188.0	1188.4	1188.8	1189.3	1189.7	1190.2
152.5°	1212.8	1212.2	1212.4	1212.9	1213.3	1213.8	1214.2	1214.6	1215.1	1215.5	1216.0
155°	1235.7	1235.0	1235.2	1235.7	1236.1	1236.6	1237.0	1237.7	1238.3	1239.0	1239.7
157.5°	1257.2	1256.9	1256.9	1256.9	1256.9	1256.9	1256.9	1257.6	1258.2	1258.9	1259.6
160°	1274.5	1273.8	1273.9	1274.1	1274.4	1274.6	1274.8	1275.7	1276.5	1277.4	1278.3
162.5°	1290.3	1289.6	1289.7	1289.9	1290.2	1290.4	1290.6	1291.9	1293.3	1294.6	1295.9
165°	1304.2	1303.5	1303.6	1303.8	1304.1	1304.3	1304.5	1305.8	1307.2	1308.5	1309.8
167.5°	1315.2	1314.5	1314.6	1314.8	1315.1	1315.3	1315.5	1317.0	1318.6	1320.1	1321.6
170°	1323.2	1322.4	1322.5	1322.7	1323.0	1323.2	1323.4	1325.2	1326.9	1328.7	1330.4
172.5°	1329.2	1328.4	1328.6	1329.1	1329.5	1330.0	1330.4	1331.9	1333.5	1335.0	1336.5
175°	1334.0	1333.3	1333.4	1333.6	1333.9	1334.1	1334.3	1336.1	1337.9	1339.6	1341.4
177.5°	1337.0	1336.3	1336.4	1336.6	1336.9	1337.1	1337.3	1338.9	1340.4	1342.0	1343.5
180°	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3

TEST NUMBER: P1027106

CATALOG NUMBER: S125RDIP-B1270D1090UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4
2.5°	1809.4	1812.5	1804.7	1801.5	1795.3	1803.1	1804.7	1803.1	1817.2	1810.9	1814.1
5°	1704.2	1698.0	1693.3	1682.3	1682.3	1683.8	1688.5	1680.7	1685.4	1696.4	1694.8
7.5°	1588.1	1585.0	1586.5	1574.0	1564.6	1567.7	1564.6	1578.7	1586.5	1583.4	1589.7
10°	1483.0	1489.2	1475.1	1468.8	1462.6	1468.8	1467.3	1470.4	1479.8	1486.1	1497.1
12.5°	1398.2	1396.7	1388.8	1382.5	1371.6	1374.7	1384.1	1381.0	1382.5	1396.7	1395.1
15°	1318.2	1308.8	1302.5	1288.4	1291.5	1280.5	1289.9	1300.9	1305.6	1318.2	1326.0
17.5°	1238.2	1236.6	1228.7	1227.2	1209.9	1205.2	1214.6	1217.8	1222.5	1228.7	1239.7
20°	1170.7	1169.1	1158.1	1155.0	1140.9	1150.3	1147.1	1153.4	1156.6	1169.1	1173.8
22.5°	1109.5	1101.6	1098.5	1093.8	1089.1	1087.5	1093.8	1092.2	1103.2	1107.9	1109.5
25°	1053.0	1046.7	1045.1	1037.3	1034.2	1029.4	1034.2	1038.9	1051.4	1056.1	1062.4
27.5°	1001.2	996.5	993.4	987.1	982.4	982.4	985.5	991.8	996.5	999.6	1002.8
30°	954.1	951.0	941.6	938.4	933.7	933.7	933.7	936.9	944.7	954.1	958.8
32.5°	905.5	899.2	892.9	892.9	888.2	888.2	889.8	892.9	900.8	902.3	910.2
35°	858.4	852.1	847.4	844.3	845.8	839.6	842.7	847.4	856.8	860.0	864.7
37.5°	812.9	811.3	801.9	797.2	800.3	800.3	798.8	801.9	808.2	814.5	817.6
40°	762.7	759.5	759.5	754.8	756.4	750.1	754.8	758.0	761.1	767.4	772.1
42.5°	718.7	715.6	709.3	710.9	706.2	706.2	709.3	710.9	715.6	723.4	726.6
45°	671.7	671.7	668.5	663.8	665.4	660.7	663.8	665.4	671.7	679.5	676.4
47.5°	626.1	624.6	624.6	618.3	621.4	616.7	621.4	623.0	626.1	630.9	629.3
50°	582.2	577.5	579.1	577.5	575.9	575.9	579.1	579.1	582.2	582.2	586.9
52.5°	536.7	536.7	533.6	535.1	538.3	535.1	539.8	535.1	538.3	539.8	543.0
55°	495.9	492.8	494.3	492.8	499.0	494.3	499.0	495.9	499.0	497.5	500.6
57.5°	452.0	447.2	448.8	447.2	452.0	450.4	455.1	450.4	452.0	453.5	458.2
60°	401.7	401.7	401.7	398.6	403.3	403.3	401.7	401.7	408.0	411.2	409.6
62.5°	354.7	353.1	348.4	346.8	348.4	345.2	351.5	349.9	353.1	356.2	359.4
65°	302.9	299.7	298.2	295.0	295.0	293.5	295.0	301.3	302.9	304.4	312.3
67.5°	260.5	258.9	257.4	252.7	252.7	255.8	255.8	255.8	265.2	260.5	266.8
70°	222.8	219.7	216.6	215.0	215.0	216.6	218.1	219.7	218.1	224.4	226.0
72.5°	186.7	188.3	185.2	185.2	185.2	183.6	183.6	186.7	188.3	186.7	188.3
75°	155.4	155.4	153.8	155.4	155.4	153.8	153.8	156.9	156.9	155.4	160.1
77.5°	125.5	124.0	120.8	117.7	119.3	117.7	119.3	117.7	122.4	127.1	124.0
80°	87.9	86.3	86.3	86.3	87.9	86.3	89.4	86.3	87.9	87.9	89.4
82.5°	62.8	64.3	64.3	62.8	64.3	62.8	64.3	64.3	64.3	62.8	64.3
85°	40.8	40.8	40.8	40.8	39.2	40.8	40.8	40.8	42.4	40.8	42.4
87.5°	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	18.8	17.3	18.8
90°	20.8	21.1	21.8	22.5	23.1	23.8	23.1	22.5	21.8	21.1	20.8
92.5°	20.8	20.9	21.1	21.4	21.6	21.8	21.6	21.4	21.1	20.9	20.8
95°	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
97.5°	19.9	20.0	20.2	20.4	20.6	20.8	20.6	20.4	20.2	20.0	19.9
100°	24.8	24.4	23.5	22.6	21.7	20.8	21.7	22.6	23.5	24.4	24.8
102.5°	234.3	225.0	206.5	188.0	169.4	150.9	169.4	188.0	206.5	225.0	234.3
105°	295.9	295.8	295.6	295.3	295.1	294.9	295.1	295.3	295.6	295.8	295.9
107.5°	362.4	362.0	361.1	360.2	359.3	358.4	359.3	360.2	361.1	362.0	362.4
110°	423.9	424.0	424.2	424.5	424.7	424.9	424.7	424.5	424.2	424.0	423.9

TEST NUMBER: P1027106

CATALOG NUMBER: S125RDIP-B1270D1090UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	486.5	486.3	485.8	485.4	484.9	484.5	484.9	485.4	485.8	486.3	486.5
115°	550.0	549.3	548.0	546.7	545.4	544.1	545.4	546.7	548.0	549.3	550.0
117.5°	610.6	610.4	609.9	609.5	609.0	608.6	609.0	609.5	609.9	610.4	610.6
120°	672.1	671.6	670.5	669.4	668.3	667.2	668.3	669.4	670.5	671.6	672.1
122.5°	728.7	728.0	726.7	725.4	724.1	722.8	724.1	725.4	726.7	728.0	728.7
125°	782.3	782.0	781.3	780.6	780.0	779.3	780.0	780.6	781.3	782.0	782.3
127.5°	834.0	833.1	831.3	829.6	827.8	826.0	827.8	829.6	831.3	833.1	834.0
130°	882.6	882.0	880.9	879.8	878.7	877.6	878.7	879.8	880.9	882.0	882.6
132.5°	930.3	929.7	928.6	927.5	926.4	925.3	926.4	927.5	928.6	929.7	930.3
135°	973.9	973.2	971.9	970.6	969.3	968.0	969.3	970.6	971.9	973.2	973.9
137.5°	1017.6	1017.1	1016.0	1014.9	1013.8	1012.7	1013.8	1014.9	1016.0	1017.1	1017.6
140°	1057.3	1056.6	1055.3	1054.0	1052.7	1051.4	1052.7	1054.0	1055.3	1056.6	1057.3
142.5°	1094.1	1093.4	1092.1	1090.8	1089.4	1088.1	1089.4	1090.8	1092.1	1093.4	1094.1
145°	1129.8	1129.1	1127.8	1126.5	1125.2	1123.9	1125.2	1126.5	1127.8	1129.1	1129.8
147.5°	1160.6	1159.8	1158.3	1156.7	1155.2	1153.6	1155.2	1156.7	1158.3	1159.8	1160.6
150°	1190.4	1189.5	1187.7	1186.0	1184.2	1182.4	1184.2	1186.0	1187.7	1189.5	1190.4
152.5°	1216.2	1215.4	1213.9	1212.3	1210.8	1209.2	1210.8	1212.3	1213.9	1215.4	1216.2
155°	1240.0	1239.1	1237.4	1235.6	1233.9	1232.1	1233.9	1235.6	1237.4	1239.1	1240.0
157.5°	1259.9	1259.0	1257.2	1255.5	1253.7	1251.9	1253.7	1255.5	1257.2	1259.0	1259.9
160°	1278.7	1277.8	1276.1	1274.3	1272.6	1270.8	1272.6	1274.3	1276.1	1277.8	1278.7
162.5°	1296.6	1295.6	1293.6	1291.7	1289.7	1287.7	1289.7	1291.7	1293.6	1295.6	1296.6
165°	1310.5	1309.6	1307.9	1306.1	1304.4	1302.6	1304.4	1306.1	1307.9	1309.6	1310.5
167.5°	1322.4	1321.4	1319.4	1317.5	1315.5	1313.5	1315.5	1317.5	1319.4	1321.4	1322.4
170°	1331.3	1330.3	1328.3	1326.4	1324.4	1322.4	1324.4	1326.4	1328.3	1330.3	1331.3
172.5°	1337.3	1336.3	1334.3	1332.4	1330.4	1328.4	1330.4	1332.4	1334.3	1336.3	1337.3
175°	1342.3	1341.3	1339.3	1337.3	1335.3	1333.3	1335.3	1337.3	1339.3	1341.3	1342.3
177.5°	1344.3	1343.4	1341.6	1339.9	1338.1	1336.3	1338.1	1339.9	1341.6	1343.4	1344.3
180°	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3

TEST NUMBER: P1027106

CATALOG NUMBER: S125RDIP-B1270D1090UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4	1911.4
2.5°	1807.8	1815.7	1809.4	1804.7	1817.2	1823.5	1823.5	1834.5	1845.5	1854.9	1856.5
5°	1696.4	1708.9	1712.1	1710.5	1729.3	1738.8	1759.2	1770.1	1785.8	1796.8	1809.4
7.5°	1594.4	1611.7	1613.2	1616.4	1644.6	1660.3	1677.6	1705.8	1727.8	1743.5	1757.6
10°	1492.4	1503.4	1514.4	1528.5	1556.7	1583.4	1608.5	1638.3	1666.6	1682.3	1702.7
12.5°	1415.5	1423.3	1435.9	1445.3	1475.1	1498.7	1531.6	1572.4	1613.2	1625.8	1650.9
15°	1335.5	1340.2	1365.3	1374.7	1399.8	1439.0	1459.4	1498.7	1542.6	1566.1	1594.4
17.5°	1242.9	1271.1	1286.8	1297.8	1329.2	1360.6	1393.5	1434.3	1490.8	1512.8	1533.2
20°	1177.0	1197.4	1214.6	1228.7	1257.0	1304.1	1333.9	1366.8	1420.2	1445.3	1475.1
22.5°	1118.9	1136.2	1151.9	1167.5	1186.4	1228.7	1263.3	1308.8	1362.1	1385.7	1420.2
25°	1064.0	1081.2	1090.6	1109.5	1134.6	1164.4	1205.2	1246.0	1299.4	1326.0	1359.0
27.5°	1010.6	1027.9	1045.1	1060.8	1078.1	1106.3	1134.6	1186.4	1241.3	1272.7	1300.9
30°	965.1	973.0	988.6	1005.9	1023.2	1049.8	1082.8	1118.9	1181.7	1209.9	1244.4
32.5°	914.9	929.0	940.0	952.6	974.5	996.5	1026.3	1071.8	1122.0	1148.7	1186.4
35°	867.8	880.4	888.2	910.2	924.3	947.8	977.7	1018.5	1060.8	1090.6	1123.6
37.5°	822.3	834.9	844.3	856.8	875.7	896.1	927.4	957.3	1007.5	1032.6	1070.2
40°	775.2	786.2	797.2	811.3	828.6	853.7	872.5	910.2	951.0	979.2	1007.5
42.5°	729.7	736.0	748.5	764.2	781.5	803.5	830.1	860.0	900.8	925.9	951.0
45°	681.1	692.1	706.2	717.2	732.9	754.8	778.4	805.0	845.8	871.0	897.6
47.5°	635.6	643.4	652.8	670.1	690.5	706.2	731.3	756.4	794.1	817.6	842.7
50°	588.5	596.3	610.4	621.4	637.1	657.5	681.1	707.7	743.8	759.5	784.6
52.5°	544.5	547.7	561.8	572.8	588.5	612.0	630.9	654.4	688.9	706.2	731.3
55°	500.6	503.7	511.6	522.6	539.8	558.7	579.1	605.7	635.6	651.3	674.8
57.5°	455.1	458.2	466.1	473.9	491.2	508.4	532.0	554.0	583.8	597.9	619.9
60°	409.6	409.6	417.4	428.4	441.0	456.7	477.1	503.7	525.7	543.0	558.7
62.5°	360.9	365.6	370.4	378.2	392.3	411.2	428.4	447.2	473.9	486.5	500.6
65°	312.3	317.0	326.4	334.3	345.2	357.8	379.8	395.5	415.9	430.0	442.5
67.5°	269.9	274.6	280.9	290.3	298.2	312.3	328.0	343.7	365.6	375.1	384.5
70°	226.0	230.7	235.4	247.9	255.8	266.8	277.8	293.5	312.3	318.6	326.4
72.5°	191.5	193.0	199.3	202.4	213.4	222.8	235.4	244.8	258.9	266.8	273.1
75°	161.6	161.6	163.2	166.3	172.6	178.9	188.3	197.7	210.3	215.0	222.8
77.5°	127.1	131.8	130.3	133.4	136.5	139.7	147.5	153.8	166.3	169.5	172.6
80°	91.0	92.6	97.3	102.0	102.0	106.7	111.4	113.0	120.8	125.5	125.5
82.5°	65.9	67.5	65.9	67.5	69.0	70.6	75.3	81.6	81.6	83.2	86.3
85°	40.8	40.8	42.4	43.9	43.9	42.4	45.5	43.9	45.5	48.6	48.6
87.5°	20.4	18.8	18.8	18.8	18.8	18.8	20.4	18.8	20.4	20.4	20.4
90°	20.3	19.2	18.1	17.0	15.9	14.3	12.8	11.2	9.7	8.9	8.0
92.5°	20.3	19.2	18.1	17.0	15.9	14.6	13.2	11.9	10.6	9.9	10.9
95°	20.3	19.2	18.1	17.0	15.9	24.3	32.7	41.0	49.4	53.6	53.9
97.5°	19.7	19.2	18.8	18.3	17.9	38.9	59.8	80.8	101.7	112.2	111.5
100°	41.2	74.1	107.0	139.8	172.7	171.8	171.0	170.1	169.2	168.8	168.5
102.5°	234.1	233.6	233.2	232.7	232.3	231.9	231.4	231.0	230.5	230.3	229.9
105°	295.9	295.9	295.9	295.9	295.9	295.9	295.9	295.9	295.9	295.9	295.5
107.5°	362.3	362.1	361.8	361.6	361.4	361.0	360.5	360.1	359.6	359.4	359.4
110°	424.2	424.9	425.6	426.2	426.9	426.5	426.0	425.6	425.1	424.9	424.9

TEST NUMBER: P1027106

CATALOG NUMBER: S125RDIP-B1270D1090UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	486.9	487.8	488.7	489.5	490.4	490.2	490.0	489.8	489.6	489.5	489.2
115°	550.4	551.3	552.2	553.1	554.0	553.8	553.6	553.3	553.1	553.0	552.4
117.5°	611.3	612.6	613.9	615.2	616.5	615.6	614.8	613.9	613.0	612.6	612.6
120°	672.3	672.8	673.2	673.7	674.1	673.4	672.8	672.1	671.4	671.1	671.2
122.5°	728.9	729.4	729.8	730.3	730.7	730.5	730.3	730.0	729.8	729.7	729.1
125°	782.7	783.6	784.5	785.4	786.3	786.3	786.3	786.3	786.3	786.3	785.5
127.5°	834.2	834.6	835.1	835.5	835.9	836.1	836.3	836.6	836.8	836.9	836.4
130°	882.9	883.6	884.3	884.9	885.6	885.4	885.2	884.9	884.7	884.6	884.0
132.5°	930.3	930.3	930.3	930.3	930.3	930.9	931.6	932.2	932.9	933.2	932.5
135°	974.1	974.6	975.0	975.5	975.9	976.3	976.8	977.2	977.7	977.9	977.2
137.5°	1017.6	1017.6	1017.6	1017.6	1017.6	1018.0	1018.5	1018.9	1019.4	1019.6	1018.9
140°	1057.1	1056.6	1056.2	1055.7	1055.3	1055.5	1055.7	1056.0	1056.2	1056.3	1056.1
142.5°	1094.1	1094.1	1094.1	1094.1	1094.1	1093.7	1093.2	1092.8	1092.3	1092.1	1092.0
145°	1129.7	1129.5	1129.2	1129.0	1128.8	1128.8	1128.8	1128.8	1128.8	1128.8	1128.6
147.5°	1160.5	1160.3	1160.0	1159.8	1159.6	1159.4	1159.2	1158.9	1158.7	1158.6	1158.6
150°	1190.2	1189.7	1189.3	1188.8	1188.4	1188.0	1187.5	1187.1	1186.6	1186.4	1186.6
152.5°	1216.0	1215.5	1215.1	1214.6	1214.2	1213.8	1213.3	1212.9	1212.4	1212.2	1212.8
155°	1239.7	1239.0	1238.3	1237.7	1237.0	1236.6	1236.1	1235.7	1235.2	1235.0	1235.7
157.5°	1259.6	1258.9	1258.2	1257.6	1256.9	1256.9	1256.9	1256.9	1256.9	1256.9	1257.2
160°	1278.3	1277.4	1276.5	1275.7	1274.8	1274.6	1274.4	1274.1	1273.9	1273.8	1274.5
162.5°	1295.9	1294.6	1293.3	1291.9	1290.6	1290.4	1290.2	1289.9	1289.7	1289.6	1290.3
165°	1309.8	1308.5	1307.2	1305.8	1304.5	1304.3	1304.1	1303.8	1303.6	1303.5	1304.2
167.5°	1321.6	1320.1	1318.6	1317.0	1315.5	1315.3	1315.1	1314.8	1314.6	1314.5	1315.2
170°	1330.4	1328.7	1326.9	1325.2	1323.4	1323.2	1323.0	1322.7	1322.5	1322.4	1323.2
172.5°	1336.5	1335.0	1333.5	1331.9	1330.4	1330.0	1329.5	1329.1	1328.6	1328.4	1329.2
175°	1341.4	1339.6	1337.9	1336.1	1334.3	1334.1	1333.9	1333.6	1333.4	1333.3	1334.0
177.5°	1343.5	1342.0	1340.4	1338.9	1337.3	1337.1	1336.9	1336.6	1336.4	1336.3	1337.0
180°	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3

TEST NUMBER: P1027106

CATALOG NUMBER: S125RDIP-B1270D1090UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1911.4	1911.4	1911.4	1911.4
2.5°	1867.4	1881.6	1895.7	1913.0
5°	1829.8	1854.9	1881.6	1906.7
7.5°	1789.0	1825.1	1859.6	1895.7
10°	1743.5	1789.0	1828.2	1878.4
12.5°	1693.3	1741.9	1796.8	1853.3
15°	1643.0	1704.2	1762.3	1826.6
17.5°	1596.0	1654.0	1718.4	1795.3
20°	1539.5	1603.8	1676.0	1757.6
22.5°	1479.8	1550.4	1628.9	1716.8
25°	1429.6	1501.8	1577.1	1669.7
27.5°	1374.7	1450.0	1523.8	1622.6
30°	1311.9	1393.5	1468.8	1570.8
32.5°	1252.3	1333.9	1417.1	1512.8
35°	1194.2	1274.3	1357.4	1454.7
37.5°	1139.3	1211.5	1293.1	1381.0
40°	1087.5	1153.4	1225.6	1305.6
42.5°	1021.6	1098.5	1166.0	1224.0
45°	965.1	1027.9	1090.6	1137.7
47.5°	899.2	962.0	1015.3	1053.0
50°	844.3	894.5	938.4	971.4
52.5°	778.4	825.4	861.5	886.6
55°	714.0	754.8	786.2	803.5
57.5°	656.0	682.6	706.2	721.9
60°	591.6	612.0	632.4	649.7
62.5°	522.6	544.5	555.5	574.4
65°	461.4	475.5	492.8	499.0
67.5°	401.7	409.6	420.6	433.1
70°	339.0	343.7	354.7	371.9
72.5°	284.0	288.7	296.6	302.9
75°	226.0	230.7	237.0	243.2
77.5°	177.3	178.9	182.0	188.3
80°	128.7	133.4	136.5	138.1
82.5°	89.4	91.0	91.0	92.6
85°	56.5	53.4	53.4	54.9
87.5°	20.4	23.5	23.5	26.7
90°	6.3	4.5	2.8	1.0
92.5°	12.9	14.9	16.9	18.9
95°	54.6	55.3	55.9	56.6
97.5°	110.2	108.9	107.5	106.2
100°	167.8	167.1	166.5	165.8
102.5°	229.0	228.1	227.3	226.4
105°	294.6	293.7	292.8	291.9
107.5°	359.4	359.4	359.4	359.4
110°	424.9	424.9	424.9	424.9



TEST NUMBER: P1027106

CATALOG NUMBER: S125RDIP-B1270D1090UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	488.5	487.8	487.2	486.5
115°	551.3	550.2	549.1	548.0
117.5°	612.6	612.6	612.6	612.6
120°	671.4	671.7	671.9	672.1
122.5°	728.0	726.9	725.8	724.7
125°	784.0	782.4	780.9	779.3
127.5°	835.3	834.2	833.1	832.0
130°	882.9	881.8	880.7	879.6
132.5°	931.2	929.9	928.6	927.3
135°	975.9	974.6	973.3	972.0
137.5°	1017.6	1016.3	1015.0	1013.7
140°	1055.7	1055.2	1054.8	1054.4
142.5°	1091.8	1091.5	1091.3	1091.1
145°	1128.1	1127.7	1127.2	1126.8
147.5°	1158.6	1158.6	1158.6	1158.6
150°	1187.1	1187.5	1188.0	1188.4
152.5°	1213.9	1215.0	1216.1	1217.2
155°	1237.0	1238.3	1239.7	1241.0
157.5°	1257.9	1258.6	1259.2	1259.9
160°	1275.8	1277.1	1278.4	1279.7
162.5°	1291.6	1292.9	1294.3	1295.6
165°	1305.5	1306.8	1308.2	1309.5
167.5°	1316.5	1317.8	1319.1	1320.4
170°	1324.7	1326.3	1327.8	1329.4
172.5°	1330.7	1332.2	1333.8	1335.3
175°	1335.3	1336.6	1338.0	1339.3
177.5°	1338.3	1339.6	1341.0	1342.3
180°	1339.3	1339.3	1339.3	1339.3

(END OF REPORT)