

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: P1027116

Luminaire Tested: S125RDIP-B1270D1270UB2750-4F0-XX-W2A-A_3500K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1027116
REPORT IS A COMBINATION OF REPORTS P1005167 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125RDIP-B1270D1270UB2750-4F0-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

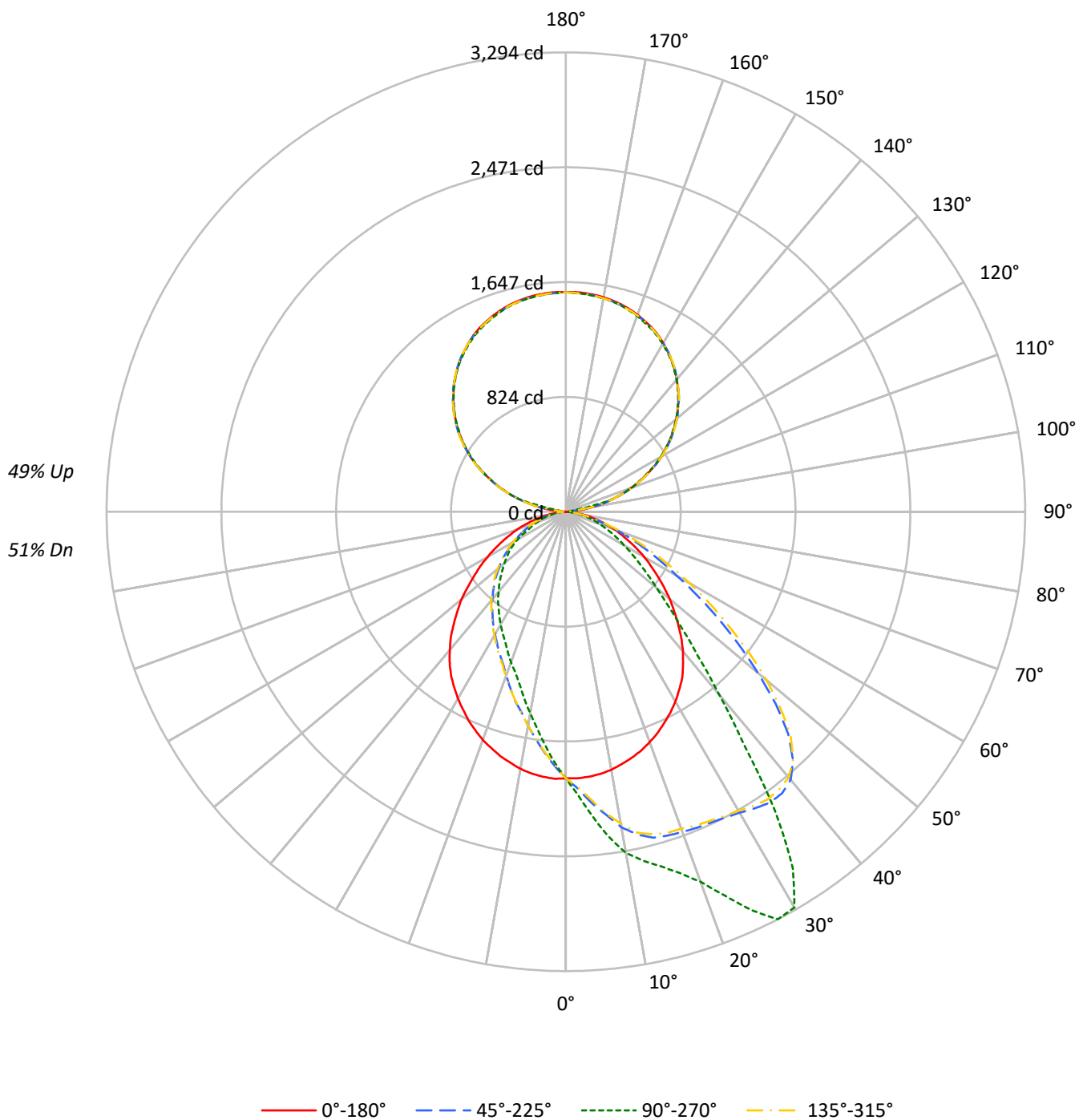
Lumens per Lamp: N/A
Luminaire Lumens: 9788.0 lumens
Efficiency: N/A
Efficacy: 101.6 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 96.3
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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	107	107	107	107	99	99	99	99	84	84	84	70	70	70	57	57	57	57	57	57
1	98	94	91	87	91	87	84	81	74	72	70	62	60	59	51	50	49	49	49	49
2	90	83	77	72	83	77	72	67	65	62	58	55	52	50	45	43	42	42	42	42
3	82	73	66	60	76	68	62	57	58	53	49	49	45	43	40	38	36	36	36	36
4	75	65	57	51	69	60	54	48	52	47	42	44	40	37	36	33	31	31	31	31
5	69	58	50	44	64	54	47	42	46	41	37	39	35	32	33	30	27	27	27	27
6	64	52	44	38	59	49	41	36	42	36	32	36	31	28	30	27	24	24	24	24
7	59	47	39	34	55	44	37	32	38	32	28	32	28	25	27	24	22	22	22	22
8	55	43	35	30	51	40	33	28	35	29	25	30	25	22	25	22	19	19	19	19
9	51	39	32	27	47	37	30	25	32	26	23	27	23	20	23	20	17	17	17	17
10	48	36	29	24	44	34	27	23	29	24	20	25	21	18	21	18	16	16	16	16

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	1.9
10°-20°	537.4	5.5
20°-30°	852.0	8.7
30°-40°	1029.6	10.5
40°-50°	916.7	9.4
50°-60°	702.9	7.2
60°-70°	456.5	4.7
70°-80°	221.6	2.3
80°-90°	54.4	0.6
90°-100°	53.4	0.5
100°-110°	355.1	3.6
110°-120°	639.5	6.5
120°-130°	820.9	8.4
130°-140°	882.9	9.0
140°-150°	828.6	8.5
150°-160°	670.3	6.8
160°-170°	433.5	4.4
170°-180°	149.5	1.5
0°-30°	1572.7	16.1
0°-40°	2602.3	26.6
0°-60°	4221.8	43.1
0°-90°	4954.3	50.6
90°-120°	1048.1	10.7
90°-150°	3580.5	36.6
90°-180°	4834.0	49.4
0°-180°	9788.0	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	28	1	28	1	7
95°	66	24	66	24	66	81
105°	343	346	343	346	343	363
115°	644	639	644	639	644	638
125°	916	916	916	916	916	818
135°	1142	1137	1142	1137	1142	880
145°	1324	1320	1324	1320	1324	828
155°	1458	1448	1458	1448	1458	672
165°	1539	1530	1539	1530	1539	435
175°	1574	1567	1574	1567	1574	150
180°	1574	1574	1574	1574	1574	

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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°	1.2	3.3	5.3	7.4	9.5	10.5	11.4	13.2	15.1	16.9	18.7
92.5°	22.2	19.9	17.5	15.2	12.9	11.7	12.5	14.0	15.6	17.1	18.7
95°	66.5	65.7	64.9	64.2	63.4	63.0	58.1	48.2	38.4	28.5	18.7
97.5°	124.8	126.4	127.9	129.5	131.0	131.8	119.5	94.9	70.2	45.6	21.0
100°	194.8	195.6	196.4	197.1	197.9	198.3	198.8	199.9	200.9	202.0	203.0
102.5°	266.0	267.0	268.0	269.1	270.1	270.6	270.9	271.4	271.9	272.5	273.0
105°	342.9	343.9	345.0	346.0	347.1	347.6	347.6	347.6	347.6	347.6	347.6
107.5°	422.3	422.3	422.3	422.3	422.3	422.3	422.6	423.1	423.6	424.1	424.6
110°	499.2	499.2	499.2	499.2	499.2	499.2	499.5	500.0	500.5	501.1	501.6

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	571.6	572.4	573.2	573.9	574.7	575.1	575.2	575.5	575.7	576.0	576.2
115°	643.9	645.2	646.5	647.8	649.1	649.7	649.8	650.1	650.4	650.6	650.9
117.5°	719.7	719.7	719.7	719.7	719.7	719.7	720.2	721.3	722.3	723.4	724.4
120°	789.7	789.4	789.2	788.9	788.6	788.5	788.9	789.7	790.4	791.2	792.0
122.5°	851.5	852.8	854.1	855.4	856.7	857.4	857.5	857.8	858.0	858.3	858.5
125°	915.7	917.5	919.3	921.1	922.9	923.8	923.8	923.8	923.8	923.8	923.8
127.5°	977.5	978.8	980.1	981.4	982.7	983.3	983.2	982.9	982.7	982.4	982.2
130°	1033.5	1034.8	1036.1	1037.4	1038.7	1039.3	1039.4	1039.7	1040.0	1040.2	1040.5
132.5°	1089.5	1091.1	1092.6	1094.2	1095.7	1096.5	1096.1	1095.3	1094.6	1093.8	1093.0
135°	1142.0	1143.6	1145.1	1146.7	1148.2	1149.0	1148.7	1148.2	1147.7	1147.1	1146.6
137.5°	1191.0	1192.6	1194.1	1195.7	1197.2	1198.0	1197.7	1197.2	1196.7	1196.1	1195.6
140°	1238.8	1239.3	1239.8	1240.3	1240.8	1241.1	1241.0	1240.7	1240.5	1240.2	1240.0
142.5°	1281.9	1282.2	1282.4	1282.7	1283.0	1283.1	1283.4	1283.9	1284.4	1284.9	1285.4
145°	1323.9	1324.4	1325.0	1325.5	1326.0	1326.3	1326.3	1326.3	1326.3	1326.3	1326.3
147.5°	1361.3	1361.3	1361.3	1361.3	1361.3	1361.3	1361.4	1361.7	1361.9	1362.2	1362.4
150°	1396.3	1395.8	1395.2	1394.7	1394.2	1393.9	1394.2	1394.7	1395.2	1395.8	1396.3
152.5°	1430.1	1428.8	1427.5	1426.2	1424.9	1424.3	1424.6	1425.1	1425.6	1426.1	1426.6
155°	1458.1	1456.5	1455.0	1453.4	1451.9	1451.1	1451.4	1451.9	1452.4	1452.9	1453.4
157.5°	1480.2	1479.4	1478.7	1477.9	1477.2	1476.8	1476.8	1476.8	1476.8	1476.8	1476.8
160°	1503.6	1502.0	1500.5	1498.9	1497.4	1496.6	1496.7	1497.0	1497.2	1497.5	1497.7
162.5°	1522.2	1520.6	1519.1	1517.5	1516.0	1515.2	1515.3	1515.6	1515.9	1516.1	1516.4
165°	1538.6	1537.0	1535.5	1533.9	1532.4	1531.6	1531.7	1532.0	1532.2	1532.5	1532.7
167.5°	1551.4	1549.8	1548.3	1546.7	1545.2	1544.4	1544.5	1544.8	1545.1	1545.3	1545.6
170°	1561.9	1560.1	1558.3	1556.4	1554.6	1553.7	1553.8	1554.1	1554.4	1554.6	1554.9
172.5°	1568.9	1567.1	1565.3	1563.4	1561.6	1560.7	1561.0	1561.5	1562.0	1562.6	1563.1
175°	1573.6	1572.0	1570.5	1568.9	1567.4	1566.6	1566.7	1567.0	1567.2	1567.5	1567.7
177.5°	1577.1	1575.5	1574.0	1572.4	1570.9	1570.1	1570.2	1570.5	1570.7	1571.0	1571.2
180°	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6

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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°	20.0	21.3	22.6	23.9	24.5	24.9	25.7	26.4	27.2	28.0	27.2
92.5°	20.0	21.3	22.6	23.9	24.5	24.6	24.9	25.2	25.4	25.7	25.4
95°	20.0	21.3	22.6	23.9	24.5	24.5	24.5	24.5	24.5	24.5	24.5
97.5°	21.5	22.0	22.5	23.0	23.3	23.4	23.7	24.0	24.2	24.5	24.2
100°	164.4	125.8	87.1	48.5	29.2	28.7	27.6	26.6	25.5	24.5	25.5
102.5°	273.5	274.0	274.5	275.0	275.3	264.4	242.6	220.9	199.1	177.3	199.1
105°	347.6	347.6	347.6	347.6	347.6	347.5	347.2	346.9	346.7	346.4	346.7
107.5°	424.9	425.1	425.4	425.7	425.8	425.3	424.2	423.2	422.1	421.1	422.1
110°	500.8	500.0	499.3	498.5	498.1	498.2	498.5	498.7	499.0	499.2	499.0

TEST NUMBER: P1027116

CATALOG NUMBER: S125RDIP-B1270D1270UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	575.2	574.2	573.1	572.1	571.6	571.3	570.8	570.3	569.7	569.2	569.7
115°	649.9	648.8	647.8	646.7	646.2	645.4	643.9	642.3	640.8	639.2	640.8
117.5°	722.8	721.3	719.7	718.2	717.4	717.1	716.6	716.1	715.5	715.0	715.5
120°	791.5	791.0	790.5	790.0	789.7	789.1	787.8	786.5	785.2	783.9	785.2
122.5°	858.0	857.5	857.0	856.5	856.2	855.4	853.9	852.3	850.8	849.2	850.8
125°	922.8	921.8	920.7	919.7	919.2	918.8	918.0	917.3	916.5	915.7	916.5
127.5°	981.7	981.1	980.6	980.1	979.8	978.8	976.7	974.6	972.6	970.5	972.6
130°	1039.7	1038.9	1038.2	1037.4	1037.0	1036.4	1035.1	1033.8	1032.5	1031.2	1032.5
132.5°	1093.0	1093.0	1093.0	1093.0	1093.0	1092.3	1091.0	1089.7	1088.4	1087.1	1088.4
135°	1146.1	1145.6	1145.1	1144.6	1144.3	1143.5	1142.0	1140.4	1138.9	1137.3	1138.9
137.5°	1195.6	1195.6	1195.6	1195.6	1195.6	1195.0	1193.7	1192.4	1191.1	1189.8	1191.1
140°	1240.5	1241.0	1241.5	1242.0	1242.3	1241.5	1240.0	1238.4	1236.9	1235.3	1236.9
142.5°	1285.4	1285.4	1285.4	1285.4	1285.4	1284.6	1283.1	1281.6	1280.0	1278.5	1280.0
145°	1326.5	1326.8	1327.0	1327.3	1327.4	1326.6	1325.1	1323.5	1322.0	1320.4	1322.0
147.5°	1362.7	1362.9	1363.2	1363.5	1363.6	1362.7	1360.9	1359.0	1357.2	1355.4	1357.2
150°	1396.8	1397.3	1397.8	1398.3	1398.6	1397.6	1395.5	1393.4	1391.4	1389.3	1391.4
152.5°	1427.1	1427.6	1428.1	1428.6	1428.9	1428.0	1426.2	1424.4	1422.6	1420.8	1422.6
155°	1454.2	1455.0	1455.7	1456.5	1456.9	1455.9	1453.8	1451.7	1449.7	1447.6	1449.7
157.5°	1477.6	1478.3	1479.1	1479.8	1480.2	1479.2	1477.1	1475.0	1473.0	1470.9	1473.0
160°	1498.7	1499.8	1500.8	1501.9	1502.4	1501.4	1499.3	1497.2	1495.2	1493.1	1495.2
162.5°	1518.0	1519.5	1521.1	1522.6	1523.4	1522.2	1519.9	1517.6	1515.2	1512.9	1515.2
165°	1534.3	1535.8	1537.4	1538.9	1539.7	1538.7	1536.6	1534.5	1532.5	1530.4	1532.5
167.5°	1547.4	1549.2	1551.0	1552.8	1553.7	1552.5	1550.2	1547.9	1545.5	1543.2	1545.5
170°	1557.0	1559.0	1561.1	1563.2	1564.2	1563.0	1560.7	1558.4	1556.0	1553.7	1556.0
172.5°	1564.9	1566.7	1568.5	1570.3	1571.2	1570.0	1567.7	1565.4	1563.0	1560.7	1563.0
175°	1569.8	1571.9	1574.0	1576.1	1577.1	1575.9	1573.6	1571.3	1568.9	1566.6	1568.9
177.5°	1573.0	1574.8	1576.7	1578.5	1579.4	1578.4	1576.3	1574.2	1572.2	1570.1	1572.2
180°	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6

TEST NUMBER: P1027116

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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°	26.4	25.7	24.9	24.5	23.9	22.6	21.3	20.0	18.7	16.9	15.1
92.5°	25.2	24.9	24.6	24.5	23.9	22.6	21.3	20.0	18.7	17.1	15.6
95°	24.5	24.5	24.5	24.5	23.9	22.6	21.3	20.0	18.7	28.5	38.4
97.5°	24.0	23.7	23.4	23.3	23.0	22.5	22.0	21.5	21.0	45.6	70.2
100°	26.6	27.6	28.7	29.2	48.5	87.1	125.8	164.4	203.0	202.0	200.9
102.5°	220.9	242.6	264.4	275.3	275.0	274.5	274.0	273.5	273.0	272.5	271.9
105°	346.9	347.2	347.5	347.6	347.6	347.6	347.6	347.6	347.6	347.6	347.6
107.5°	423.2	424.2	425.3	425.8	425.7	425.4	425.1	424.9	424.6	424.1	423.6
110°	498.7	498.5	498.2	498.1	498.5	499.3	500.0	500.8	501.6	501.1	500.5

TEST NUMBER: P1027116

CATALOG NUMBER: S125RDIP-B1270D1270UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	570.3	570.8	571.3	571.6	572.1	573.1	574.2	575.2	576.2	576.0	575.7
115°	642.3	643.9	645.4	646.2	646.7	647.8	648.8	649.9	650.9	650.6	650.4
117.5°	716.1	716.6	717.1	717.4	718.2	719.7	721.3	722.8	724.4	723.4	722.3
120°	786.5	787.8	789.1	789.7	790.0	790.5	791.0	791.5	792.0	791.2	790.4
122.5°	852.3	853.9	855.4	856.2	856.5	857.0	857.5	858.0	858.5	858.3	858.0
125°	917.3	918.0	918.8	919.2	919.7	920.7	921.8	922.8	923.8	923.8	923.8
127.5°	974.6	976.7	978.8	979.8	980.1	980.6	981.1	981.7	982.2	982.4	982.7
130°	1033.8	1035.1	1036.4	1037.0	1037.4	1038.2	1038.9	1039.7	1040.5	1040.2	1040.0
132.5°	1089.7	1091.0	1092.3	1093.0	1093.0	1093.0	1093.0	1093.0	1093.0	1093.8	1094.6
135°	1140.4	1142.0	1143.5	1144.3	1144.6	1145.1	1145.6	1146.1	1146.6	1147.1	1147.7
137.5°	1192.4	1193.7	1195.0	1195.6	1195.6	1195.6	1195.6	1195.6	1195.6	1196.1	1196.7
140°	1238.4	1240.0	1241.5	1242.3	1242.0	1241.5	1241.0	1240.5	1240.0	1240.2	1240.5
142.5°	1281.6	1283.1	1284.6	1285.4	1285.4	1285.4	1285.4	1285.4	1285.4	1284.9	1284.4
145°	1323.5	1325.1	1326.6	1327.4	1327.3	1327.0	1326.8	1326.5	1326.3	1326.3	1326.3
147.5°	1359.0	1360.9	1362.7	1363.6	1363.5	1363.2	1362.9	1362.7	1362.4	1362.2	1361.9
150°	1393.4	1395.5	1397.6	1398.6	1398.3	1397.8	1397.3	1396.8	1396.3	1395.8	1395.2
152.5°	1424.4	1426.2	1428.0	1428.9	1428.6	1428.1	1427.6	1427.1	1426.6	1426.1	1425.6
155°	1451.7	1453.8	1455.9	1456.9	1456.5	1455.7	1455.0	1454.2	1453.4	1452.9	1452.4
157.5°	1475.0	1477.1	1479.2	1480.2	1479.8	1479.1	1478.3	1477.6	1476.8	1476.8	1476.8
160°	1497.2	1499.3	1501.4	1502.4	1501.9	1500.8	1499.8	1498.7	1497.7	1497.5	1497.2
162.5°	1517.6	1519.9	1522.2	1523.4	1522.6	1521.1	1519.5	1518.0	1516.4	1516.1	1515.9
165°	1534.5	1536.6	1538.7	1539.7	1538.9	1537.4	1535.8	1534.3	1532.7	1532.5	1532.2
167.5°	1547.9	1550.2	1552.5	1553.7	1552.8	1551.0	1549.2	1547.4	1545.6	1545.3	1545.1
170°	1558.4	1560.7	1563.0	1564.2	1563.2	1561.1	1559.0	1557.0	1554.9	1554.6	1554.4
172.5°	1565.4	1567.7	1570.0	1571.2	1570.3	1568.5	1566.7	1564.9	1563.1	1562.6	1562.0
175°	1571.3	1573.6	1575.9	1577.1	1576.1	1574.0	1571.9	1569.8	1567.7	1567.5	1567.2
177.5°	1574.2	1576.3	1578.4	1579.4	1578.5	1576.7	1574.8	1573.0	1571.2	1571.0	1570.7
180°	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6

TEST NUMBER: P1027116

CATALOG NUMBER: S125RDIP-B1270D1270UB2750-4F0-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°	13.2	11.4	10.5	9.5	7.4	5.3	3.3	1.2	3.3	5.3	7.4
92.5°	14.0	12.5	11.7	12.9	15.2	17.5	19.9	22.2	19.9	17.5	15.2
95°	48.2	58.1	63.0	63.4	64.2	64.9	65.7	66.5	65.7	64.9	64.2
97.5°	94.9	119.5	131.8	131.0	129.5	127.9	126.4	124.8	126.4	127.9	129.5
100°	199.9	198.8	198.3	197.9	197.1	196.4	195.6	194.8	195.6	196.4	197.1
102.5°	271.4	270.9	270.6	270.1	269.1	268.0	267.0	266.0	267.0	268.0	269.1
105°	347.6	347.6	347.6	347.1	346.0	345.0	343.9	342.9	343.9	345.0	346.0
107.5°	423.1	422.6	422.3	422.3	422.3	422.3	422.3	422.3	422.3	422.3	422.3
110°	500.0	499.5	499.2	499.2	499.2	499.2	499.2	499.2	499.2	499.2	499.2

TEST NUMBER: P1027116

CATALOG NUMBER: S125RDIP-B1270D1270UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	575.5	575.2	575.1	574.7	573.9	573.2	572.4	571.6	572.4	573.2	573.9
115°	650.1	649.8	649.7	649.1	647.8	646.5	645.2	643.9	645.2	646.5	647.8
117.5°	721.3	720.2	719.7	719.7	719.7	719.7	719.7	719.7	719.7	719.7	719.7
120°	789.7	788.9	788.5	788.6	788.9	789.2	789.4	789.7	789.4	789.2	788.9
122.5°	857.8	857.5	857.4	856.7	855.4	854.1	852.8	851.5	852.8	854.1	855.4
125°	923.8	923.8	923.8	922.9	921.1	919.3	917.5	915.7	917.5	919.3	921.1
127.5°	982.9	983.2	983.3	982.7	981.4	980.1	978.8	977.5	978.8	980.1	981.4
130°	1039.7	1039.4	1039.3	1038.7	1037.4	1036.1	1034.8	1033.5	1034.8	1036.1	1037.4
132.5°	1095.3	1096.1	1096.5	1095.7	1094.2	1092.6	1091.1	1089.5	1091.1	1092.6	1094.2
135°	1148.2	1148.7	1149.0	1148.2	1146.7	1145.1	1143.6	1142.0	1143.6	1145.1	1146.7
137.5°	1197.2	1197.7	1198.0	1197.2	1195.7	1194.1	1192.6	1191.0	1192.6	1194.1	1195.7
140°	1240.7	1241.0	1241.1	1240.8	1240.3	1239.8	1239.3	1238.8	1239.3	1239.8	1240.3
142.5°	1283.9	1283.4	1283.1	1283.0	1282.7	1282.4	1282.2	1281.9	1282.2	1282.4	1282.7
145°	1326.3	1326.3	1326.3	1326.0	1325.5	1325.0	1324.4	1323.9	1324.4	1325.0	1325.5
147.5°	1361.7	1361.4	1361.3	1361.3	1361.3	1361.3	1361.3	1361.3	1361.3	1361.3	1361.3
150°	1394.7	1394.2	1393.9	1394.2	1394.7	1395.2	1395.8	1396.3	1395.8	1395.2	1394.7
152.5°	1425.1	1424.6	1424.3	1424.9	1426.2	1427.5	1428.8	1430.1	1428.8	1427.5	1426.2
155°	1451.9	1451.4	1451.1	1451.9	1453.4	1455.0	1456.5	1458.1	1456.5	1455.0	1453.4
157.5°	1476.8	1476.8	1476.8	1477.2	1477.9	1478.7	1479.4	1480.2	1479.4	1478.7	1477.9
160°	1497.0	1496.7	1496.6	1497.4	1498.9	1500.5	1502.0	1503.6	1502.0	1500.5	1498.9
162.5°	1515.6	1515.3	1515.2	1516.0	1517.5	1519.1	1520.6	1522.2	1520.6	1519.1	1517.5
165°	1532.0	1531.7	1531.6	1532.4	1533.9	1535.5	1537.0	1538.6	1537.0	1535.5	1533.9
167.5°	1544.8	1544.5	1544.4	1545.2	1546.7	1548.3	1549.8	1551.4	1549.8	1548.3	1546.7
170°	1554.1	1553.8	1553.7	1554.6	1556.4	1558.3	1560.1	1561.9	1560.1	1558.3	1556.4
172.5°	1561.5	1561.0	1560.7	1561.6	1563.4	1565.3	1567.1	1568.9	1567.1	1565.3	1563.4
175°	1567.0	1566.7	1566.6	1567.4	1568.9	1570.5	1572.0	1573.6	1572.0	1570.5	1568.9
177.5°	1570.5	1570.2	1570.1	1570.9	1572.4	1574.0	1575.5	1577.1	1575.5	1574.0	1572.4
180°	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6

TEST NUMBER: P1027116

CATALOG NUMBER: S125RDIP-B1270D1270UB2750-4F0-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°	9.5	10.5	11.4	13.2	15.1	16.9	18.7	20.0	21.3	22.6	23.9
92.5°	12.9	11.7	12.5	14.0	15.6	17.1	18.7	20.0	21.3	22.6	23.9
95°	63.4	63.0	58.1	48.2	38.4	28.5	18.7	20.0	21.3	22.6	23.9
97.5°	131.0	131.8	119.5	94.9	70.2	45.6	21.0	21.5	22.0	22.5	23.0
100°	197.9	198.3	198.8	199.9	200.9	202.0	203.0	164.4	125.8	87.1	48.5
102.5°	270.1	270.6	270.9	271.4	271.9	272.5	273.0	273.5	274.0	274.5	275.0
105°	347.1	347.6	347.6	347.6	347.6	347.6	347.6	347.6	347.6	347.6	347.6
107.5°	422.3	422.3	422.6	423.1	423.6	424.1	424.6	424.9	425.1	425.4	425.7
110°	499.2	499.2	499.5	500.0	500.5	501.1	501.6	500.8	500.0	499.3	498.5

TEST NUMBER: P1027116

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	574.7	575.1	575.2	575.5	575.7	576.0	576.2	575.2	574.2	573.1	572.1
115°	649.1	649.7	649.8	650.1	650.4	650.6	650.9	649.9	648.8	647.8	646.7
117.5°	719.7	719.7	720.2	721.3	722.3	723.4	724.4	722.8	721.3	719.7	718.2
120°	788.6	788.5	788.9	789.7	790.4	791.2	792.0	791.5	791.0	790.5	790.0
122.5°	856.7	857.4	857.5	857.8	858.0	858.3	858.5	858.0	857.5	857.0	856.5
125°	922.9	923.8	923.8	923.8	923.8	923.8	923.8	922.8	921.8	920.7	919.7
127.5°	982.7	983.3	983.2	982.9	982.7	982.4	982.2	981.7	981.1	980.6	980.1
130°	1038.7	1039.3	1039.4	1039.7	1040.0	1040.2	1040.5	1039.7	1038.9	1038.2	1037.4
132.5°	1095.7	1096.5	1096.1	1095.3	1094.6	1093.8	1093.0	1093.0	1093.0	1093.0	1093.0
135°	1148.2	1149.0	1148.7	1148.2	1147.7	1147.1	1146.6	1146.1	1145.6	1145.1	1144.6
137.5°	1197.2	1198.0	1197.7	1197.2	1196.7	1196.1	1195.6	1195.6	1195.6	1195.6	1195.6
140°	1240.8	1241.1	1241.0	1240.7	1240.5	1240.2	1240.0	1240.5	1241.0	1241.5	1242.0
142.5°	1283.0	1283.1	1283.4	1283.9	1284.4	1284.9	1285.4	1285.4	1285.4	1285.4	1285.4
145°	1326.0	1326.3	1326.3	1326.3	1326.3	1326.3	1326.3	1326.5	1326.8	1327.0	1327.3
147.5°	1361.3	1361.3	1361.4	1361.7	1361.9	1362.2	1362.4	1362.7	1362.9	1363.2	1363.5
150°	1394.2	1393.9	1394.2	1394.7	1395.2	1395.8	1396.3	1396.8	1397.3	1397.8	1398.3
152.5°	1424.9	1424.3	1424.6	1425.1	1425.6	1426.1	1426.6	1427.1	1427.6	1428.1	1428.6
155°	1451.9	1451.1	1451.4	1451.9	1452.4	1452.9	1453.4	1454.2	1455.0	1455.7	1456.5
157.5°	1477.2	1476.8	1476.8	1476.8	1476.8	1476.8	1476.8	1477.6	1478.3	1479.1	1479.8
160°	1497.4	1496.6	1496.7	1497.0	1497.2	1497.5	1497.7	1498.7	1499.8	1500.8	1501.9
162.5°	1516.0	1515.2	1515.3	1515.6	1515.9	1516.1	1516.4	1518.0	1519.5	1521.1	1522.6
165°	1532.4	1531.6	1531.7	1532.0	1532.2	1532.5	1532.7	1534.3	1535.8	1537.4	1538.9
167.5°	1545.2	1544.4	1544.5	1544.8	1545.1	1545.3	1545.6	1547.4	1549.2	1551.0	1552.8
170°	1554.6	1553.7	1553.8	1554.1	1554.4	1554.6	1554.9	1557.0	1559.0	1561.1	1563.2
172.5°	1561.6	1560.7	1561.0	1561.5	1562.0	1562.6	1563.1	1564.9	1566.7	1568.5	1570.3
175°	1567.4	1566.6	1566.7	1567.0	1567.2	1567.5	1567.7	1569.8	1571.9	1574.0	1576.1
177.5°	1570.9	1570.1	1570.2	1570.5	1570.7	1571.0	1571.2	1573.0	1574.8	1576.7	1578.5
180°	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6

TEST NUMBER: P1027116

CATALOG NUMBER: S125RDIP-B1270D1270UB2750-4F0-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°	24.5	24.9	25.7	26.4	27.2	28.0	27.2	26.4	25.7	24.9	24.5
92.5°	24.5	24.6	24.9	25.2	25.4	25.7	25.4	25.2	24.9	24.6	24.5
95°	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
97.5°	23.3	23.4	23.7	24.0	24.2	24.5	24.2	24.0	23.7	23.4	23.3
100°	29.2	28.7	27.6	26.6	25.5	24.5	25.5	26.6	27.6	28.7	29.2
102.5°	275.3	264.4	242.6	220.9	199.1	177.3	199.1	220.9	242.6	264.4	275.3
105°	347.6	347.5	347.2	346.9	346.7	346.4	346.7	346.9	347.2	347.5	347.6
107.5°	425.8	425.3	424.2	423.2	422.1	421.1	422.1	423.2	424.2	425.3	425.8
110°	498.1	498.2	498.5	498.7	499.0	499.2	499.0	498.7	498.5	498.2	498.1

TEST NUMBER: P1027116

CATALOG NUMBER: S125RDIP-B1270D1270UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	571.6	571.3	570.8	570.3	569.7	569.2	569.7	570.3	570.8	571.3	571.6
115°	646.2	645.4	643.9	642.3	640.8	639.2	640.8	642.3	643.9	645.4	646.2
117.5°	717.4	717.1	716.6	716.1	715.5	715.0	715.5	716.1	716.6	717.1	717.4
120°	789.7	789.1	787.8	786.5	785.2	783.9	785.2	786.5	787.8	789.1	789.7
122.5°	856.2	855.4	853.9	852.3	850.8	849.2	850.8	852.3	853.9	855.4	856.2
125°	919.2	918.8	918.0	917.3	916.5	915.7	916.5	917.3	918.0	918.8	919.2
127.5°	979.8	978.8	976.7	974.6	972.6	970.5	972.6	974.6	976.7	978.8	979.8
130°	1037.0	1036.4	1035.1	1033.8	1032.5	1031.2	1032.5	1033.8	1035.1	1036.4	1037.0
132.5°	1093.0	1092.3	1091.0	1089.7	1088.4	1087.1	1088.4	1089.7	1091.0	1092.3	1093.0
135°	1144.3	1143.5	1142.0	1140.4	1138.9	1137.3	1138.9	1140.4	1142.0	1143.5	1144.3
137.5°	1195.6	1195.0	1193.7	1192.4	1191.1	1189.8	1191.1	1192.4	1193.7	1195.0	1195.6
140°	1242.3	1241.5	1240.0	1238.4	1236.9	1235.3	1236.9	1238.4	1240.0	1241.5	1242.3
142.5°	1285.4	1284.6	1283.1	1281.6	1280.0	1278.5	1280.0	1281.6	1283.1	1284.6	1285.4
145°	1327.4	1326.6	1325.1	1323.5	1322.0	1320.4	1322.0	1323.5	1325.1	1326.6	1327.4
147.5°	1363.6	1362.7	1360.9	1359.0	1357.2	1355.4	1357.2	1359.0	1360.9	1362.7	1363.6
150°	1398.6	1397.6	1395.5	1393.4	1391.4	1389.3	1391.4	1393.4	1395.5	1397.6	1398.6
152.5°	1428.9	1428.0	1426.2	1424.4	1422.6	1420.8	1422.6	1424.4	1426.2	1428.0	1428.9
155°	1456.9	1455.9	1453.8	1451.7	1449.7	1447.6	1449.7	1451.7	1453.8	1455.9	1456.9
157.5°	1480.2	1479.2	1477.1	1475.0	1473.0	1470.9	1473.0	1475.0	1477.1	1479.2	1480.2
160°	1502.4	1501.4	1499.3	1497.2	1495.2	1493.1	1495.2	1497.2	1499.3	1501.4	1502.4
162.5°	1523.4	1522.2	1519.9	1517.6	1515.2	1512.9	1515.2	1517.6	1519.9	1522.2	1523.4
165°	1539.7	1538.7	1536.6	1534.5	1532.5	1530.4	1532.5	1534.5	1536.6	1538.7	1539.7
167.5°	1553.7	1552.5	1550.2	1547.9	1545.5	1543.2	1545.5	1547.9	1550.2	1552.5	1553.7
170°	1564.2	1563.0	1560.7	1558.4	1556.0	1553.7	1556.0	1558.4	1560.7	1563.0	1564.2
172.5°	1571.2	1570.0	1567.7	1565.4	1563.0	1560.7	1563.0	1565.4	1567.7	1570.0	1571.2
175°	1577.1	1575.9	1573.6	1571.3	1568.9	1566.6	1568.9	1571.3	1573.6	1575.9	1577.1
177.5°	1579.4	1578.4	1576.3	1574.2	1572.2	1570.1	1572.2	1574.2	1576.3	1578.4	1579.4
180°	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6

TEST NUMBER: P1027116

CATALOG NUMBER: S125RDIP-B1270D1270UB2750-4F0-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°	23.9	22.6	21.3	20.0	18.7	16.9	15.1	13.2	11.4	10.5	9.5
92.5°	23.9	22.6	21.3	20.0	18.7	17.1	15.6	14.0	12.5	11.7	12.9
95°	23.9	22.6	21.3	20.0	18.7	28.5	38.4	48.2	58.1	63.0	63.4
97.5°	23.0	22.5	22.0	21.5	21.0	45.6	70.2	94.9	119.5	131.8	131.0
100°	48.5	87.1	125.8	164.4	203.0	202.0	200.9	199.9	198.8	198.3	197.9
102.5°	275.0	274.5	274.0	273.5	273.0	272.5	271.9	271.4	270.9	270.6	270.1
105°	347.6	347.6	347.6	347.6	347.6	347.6	347.6	347.6	347.6	347.6	347.1
107.5°	425.7	425.4	425.1	424.9	424.6	424.1	423.6	423.1	422.6	422.3	422.3
110°	498.5	499.3	500.0	500.8	501.6	501.1	500.5	500.0	499.5	499.2	499.2

TEST NUMBER: P1027116

CATALOG NUMBER: S125RDIP-B1270D1270UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	572.1	573.1	574.2	575.2	576.2	576.0	575.7	575.5	575.2	575.1	574.7
115°	646.7	647.8	648.8	649.9	650.9	650.6	650.4	650.1	649.8	649.7	649.1
117.5°	718.2	719.7	721.3	722.8	724.4	723.4	722.3	721.3	720.2	719.7	719.7
120°	790.0	790.5	791.0	791.5	792.0	791.2	790.4	789.7	788.9	788.5	788.6
122.5°	856.5	857.0	857.5	858.0	858.5	858.3	858.0	857.8	857.5	857.4	856.7
125°	919.7	920.7	921.8	922.8	923.8	923.8	923.8	923.8	923.8	923.8	922.9
127.5°	980.1	980.6	981.1	981.7	982.2	982.4	982.7	982.9	983.2	983.3	982.7
130°	1037.4	1038.2	1038.9	1039.7	1040.5	1040.2	1040.0	1039.7	1039.4	1039.3	1038.7
132.5°	1093.0	1093.0	1093.0	1093.0	1093.0	1093.8	1094.6	1095.3	1096.1	1096.5	1095.7
135°	1144.6	1145.1	1145.6	1146.1	1146.6	1147.1	1147.7	1148.2	1148.7	1149.0	1148.2
137.5°	1195.6	1195.6	1195.6	1195.6	1195.6	1196.1	1196.7	1197.2	1197.7	1198.0	1197.2
140°	1242.0	1241.5	1241.0	1240.5	1240.0	1240.2	1240.5	1240.7	1241.0	1241.1	1240.8
142.5°	1285.4	1285.4	1285.4	1285.4	1285.4	1284.9	1284.4	1283.9	1283.4	1283.1	1283.0
145°	1327.3	1327.0	1326.8	1326.5	1326.3	1326.3	1326.3	1326.3	1326.3	1326.3	1326.0
147.5°	1363.5	1363.2	1362.9	1362.7	1362.4	1362.2	1361.9	1361.7	1361.4	1361.3	1361.3
150°	1398.3	1397.8	1397.3	1396.8	1396.3	1395.8	1395.2	1394.7	1394.2	1393.9	1394.2
152.5°	1428.6	1428.1	1427.6	1427.1	1426.6	1426.1	1425.6	1425.1	1424.6	1424.3	1424.9
155°	1456.5	1455.7	1455.0	1454.2	1453.4	1452.9	1452.4	1451.9	1451.4	1451.1	1451.9
157.5°	1479.8	1479.1	1478.3	1477.6	1476.8	1476.8	1476.8	1476.8	1476.8	1476.8	1477.2
160°	1501.9	1500.8	1499.8	1498.7	1497.7	1497.5	1497.2	1497.0	1496.7	1496.6	1497.4
162.5°	1522.6	1521.1	1519.5	1518.0	1516.4	1516.1	1515.9	1515.6	1515.3	1515.2	1516.0
165°	1538.9	1537.4	1535.8	1534.3	1532.7	1532.5	1532.2	1532.0	1531.7	1531.6	1532.4
167.5°	1552.8	1551.0	1549.2	1547.4	1545.6	1545.3	1545.1	1544.8	1544.5	1544.4	1545.2
170°	1563.2	1561.1	1559.0	1557.0	1554.9	1554.6	1554.4	1554.1	1553.8	1553.7	1554.6
172.5°	1570.3	1568.5	1566.7	1564.9	1563.1	1562.6	1562.0	1561.5	1561.0	1560.7	1561.6
175°	1576.1	1574.0	1571.9	1569.8	1567.7	1567.5	1567.2	1567.0	1566.7	1566.6	1567.4
177.5°	1578.5	1576.7	1574.8	1573.0	1571.2	1571.0	1570.7	1570.5	1570.2	1570.1	1570.9
180°	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6

TEST NUMBER: P1027116

CATALOG NUMBER: S125RDIP-B1270D1270UB2750-4F0-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°	7.4	5.3	3.3	1.2
92.5°	15.2	17.5	19.9	22.2
95°	64.2	64.9	65.7	66.5
97.5°	129.5	127.9	126.4	124.8
100°	197.1	196.4	195.6	194.8
102.5°	269.1	268.0	267.0	266.0
105°	346.0	345.0	343.9	342.9
107.5°	422.3	422.3	422.3	422.3
110°	499.2	499.2	499.2	499.2

TEST NUMBER: P1027116

CATALOG NUMBER: S125RDIP-B1270D1270UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	573.9	573.2	572.4	571.6
115°	647.8	646.5	645.2	643.9
117.5°	719.7	719.7	719.7	719.7
120°	788.9	789.2	789.4	789.7
122.5°	855.4	854.1	852.8	851.5
125°	921.1	919.3	917.5	915.7
127.5°	981.4	980.1	978.8	977.5
130°	1037.4	1036.1	1034.8	1033.5
132.5°	1094.2	1092.6	1091.1	1089.5
135°	1146.7	1145.1	1143.6	1142.0
137.5°	1195.7	1194.1	1192.6	1191.0
140°	1240.3	1239.8	1239.3	1238.8
142.5°	1282.7	1282.4	1282.2	1281.9
145°	1325.5	1325.0	1324.4	1323.9
147.5°	1361.3	1361.3	1361.3	1361.3
150°	1394.7	1395.2	1395.8	1396.3
152.5°	1426.2	1427.5	1428.8	1430.1
155°	1453.4	1455.0	1456.5	1458.1
157.5°	1477.9	1478.7	1479.4	1480.2
160°	1498.9	1500.5	1502.0	1503.6
162.5°	1517.5	1519.1	1520.6	1522.2
165°	1533.9	1535.5	1537.0	1538.6
167.5°	1546.7	1548.3	1549.8	1551.4
170°	1556.4	1558.3	1560.1	1561.9
172.5°	1563.4	1565.3	1567.1	1568.9
175°	1568.9	1570.5	1572.0	1573.6
177.5°	1572.4	1574.0	1575.5	1577.1
180°	1573.6	1573.6	1573.6	1573.6

(END OF REPORT)