

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: P1034783

Luminaire Tested: S125RDIW-B1270D770UB2750-4F0-XX-W2A-A_5000K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1034783
REPORT IS A COMBINATION OF REPORTS P1006327 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125RDIW-B1270D770UB2750-4F0-XX-W2A-A_5000K
Description: Define 5 Regressed Direct/Indirect Wall Mount with 5000K BioUP LEDs {m-DER=1.015}
{m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

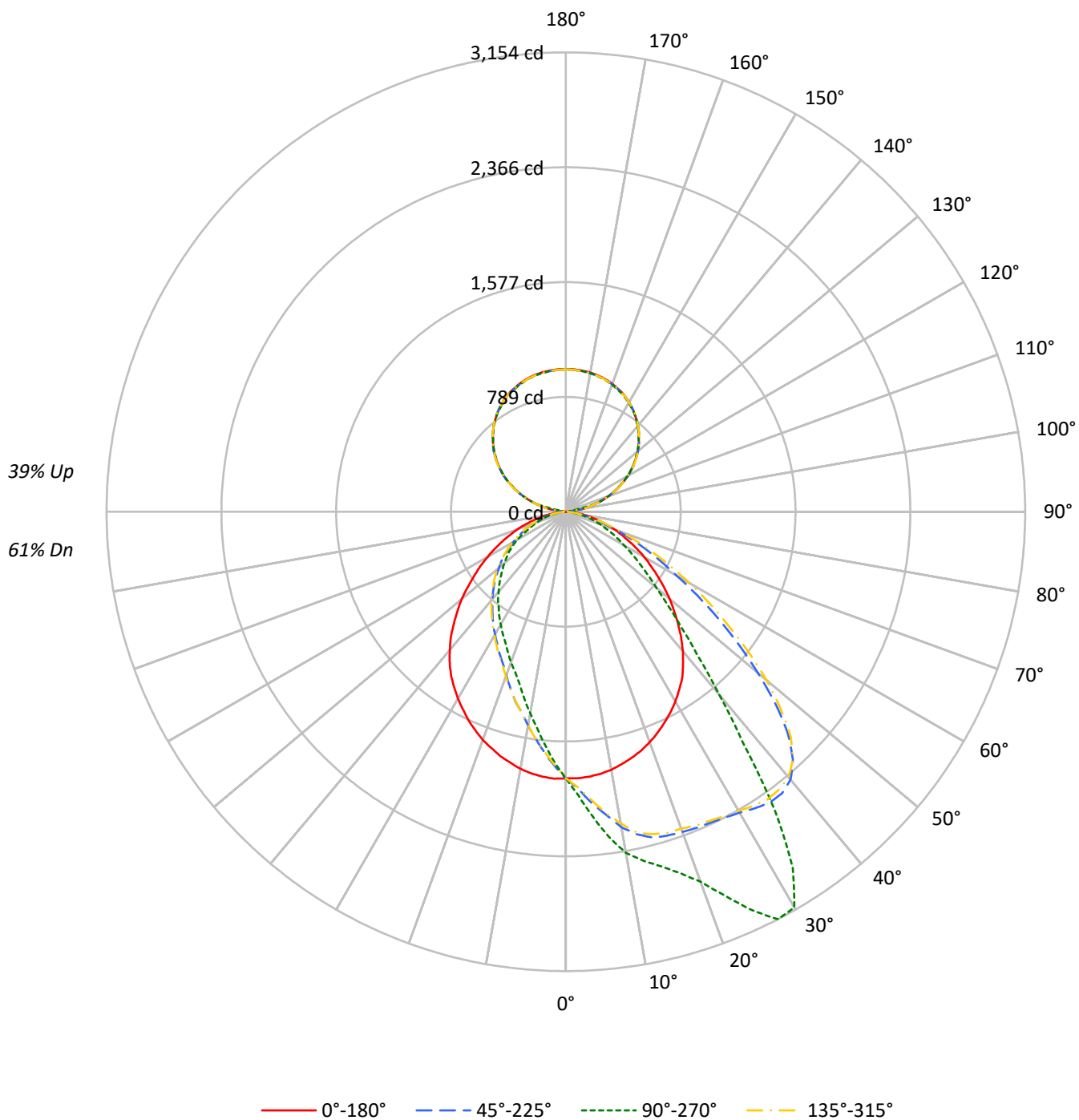
Lumens per Lamp: N/A
Luminaire Lumens: 7746.0 lumens
Efficiency: N/A
Efficacy: 91.7 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 84.5
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: P1034783

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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
RCR																	
0	110	110	110	110	103	103	103	103	90	90	90	78	78	78	66	66	66
1	101	97	93	90	94	91	87	84	79	77	75	69	67	66	60	58	57
2	92	85	79	74	86	80	75	70	70	66	63	61	58	56	53	51	49
3	84	75	68	62	79	71	64	59	62	57	53	55	51	48	47	45	42
4	77	67	59	53	72	63	56	51	56	50	46	49	45	41	43	39	37
5	71	60	52	46	67	56	49	44	50	44	40	44	39	36	39	35	32
6	66	54	46	40	61	51	44	38	45	39	35	40	35	32	35	31	28
7	61	49	41	35	57	46	39	34	41	35	31	36	32	28	32	28	25
8	57	44	37	31	53	42	35	30	38	32	28	33	29	25	29	26	23
9	53	41	33	28	49	38	32	27	34	29	25	31	26	23	27	23	21
10	49	37	30	25	46	35	29	24	32	26	22	28	24	21	25	21	19

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	11724	11724	11724	11724
5°	11715	13214	11715	10157
10°	11649	14850	11610	8781
15°	11523	15710	11444	7644
20°	11370	16959	11268	6910
25°	11171	19196	11045	6271
30°	10968	20404	10804	5814
35°	10706	16780	10556	5389
40°	10240	11395	10154	5007
45°	9629	8192	9615	4629
50°	9002	6299	9045	4281
55°	8296	5122	8280	3945
60°	7640	4198	7603	3503
65°	6875	3499	6918	2820
70°	6242	2807	6216	2348
75°	5273	2127	5273	1929
80°	4272	1297	4224	1297
85°	3007	683	2922	772

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 16689 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	175.5	2.3
10°-20°	514.5	6.6
20°-30°	815.7	10.5
30°-40°	985.7	12.7
40°-50°	877.6	11.3
50°-60°	673.0	8.7
60°-70°	437.1	5.6
70°-80°	212.1	2.7
80°-90°	51.3	0.7
90°-100°	33.2	0.4
100°-110°	220.7	2.8
110°-120°	397.4	5.1
120°-130°	510.1	6.6
130°-140°	548.6	7.1
140°-150°	514.9	6.6
150°-160°	416.5	5.4
160°-170°	269.4	3.5
170°-180°	92.9	1.2
0°-30°	1505.7	19.4
0°-40°	2491.4	32.2
0°-60°	4041.9	52.2
0°-90°	4742.4	61.2
90°-120°	651.2	8.4
90°-150°	2224.8	28.7
90°-180°	3004.0	38.8
0°-180°	7746.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1830	1830	1830	1830	1830	
5°	1825	2097	1825	1612	1825	173
15°	1749	2520	1737	1226	1749	493
25°	1599	3017	1580	986	1599	737
35°	1393	2503	1373	804	1393	867
45°	1089	1119	1088	632	1089	841
55°	769	614	768	473	769	689
65°	478	349	481	281	478	478
75°	233	162	233	147	233	250
85°	53	35	51	39	53	60
90°	1	17	1	17	1	6
95°	41	15	41	15	41	51
105°	213	215	213	215	213	226
115°	400	397	400	397	400	397
125°	569	569	569	569	569	508
135°	710	707	710	707	710	547
145°	823	820	823	820	823	515
155°	906	900	906	900	906	417
165°	956	951	956	951	956	270
175°	978	973	978	973	978	93
180°	978	978	978	978	978	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9
2.5°	1831.4	1846.5	1851.0	1863.0	1876.5	1879.5	1887.0	1897.5	1903.6	1902.1	1902.1
5°	1825.4	1851.0	1869.0	1890.0	1915.6	1926.1	1935.1	1957.6	1975.7	1986.2	2004.2
7.5°	1814.9	1852.5	1882.5	1914.1	1953.1	1971.2	1990.7	2022.2	2055.3	2076.3	2095.9
10°	1798.4	1846.5	1888.5	1935.1	1987.7	2014.7	2038.8	2086.9	2127.4	2154.5	2199.5
12.5°	1774.4	1834.4	1893.0	1954.6	2020.7	2049.3	2082.3	2134.9	2192.0	2231.1	2268.6
15°	1748.8	1820.9	1884.0	1957.6	2037.3	2080.8	2122.9	2178.5	2229.6	2273.2	2316.7
17.5°	1718.8	1795.4	1873.5	1957.6	2047.8	2091.4	2127.4	2193.5	2247.6	2291.2	2330.2
20°	1682.7	1768.3	1857.0	1950.1	2041.8	2082.3	2116.9	2189.0	2237.1	2283.7	2339.3
22.5°	1643.6	1736.8	1831.4	1923.1	2013.2	2056.8	2097.4	2160.5	2213.1	2276.2	2348.3
25°	1598.6	1700.7	1796.9	1888.5	1974.2	2014.7	2050.8	2119.9	2193.5	2273.2	2354.3
27.5°	1553.5	1652.7	1745.8	1829.9	1923.1	1960.7	1996.7	2083.8	2171.0	2255.1	2366.3
30°	1503.9	1604.6	1685.7	1763.8	1854.0	1893.0	1938.1	2037.3	2136.4	2250.6	2385.8
32.5°	1448.3	1540.0	1615.1	1696.2	1777.4	1825.4	1882.5	1990.7	2104.9	2241.6	2414.4
35°	1392.7	1466.4	1535.5	1612.1	1709.7	1760.8	1816.4	1930.6	2073.3	2237.1	2438.4
37.5°	1322.1	1392.7	1446.8	1525.0	1625.6	1685.7	1741.3	1873.5	2035.8	2226.6	2436.9
40°	1250.0	1310.1	1361.2	1442.3	1552.0	1607.6	1667.7	1811.9	1996.7	2196.5	2400.9
42.5°	1171.9	1223.0	1278.6	1356.7	1463.4	1517.4	1586.5	1754.8	1942.6	2154.5	2307.7
45°	1089.3	1138.8	1185.4	1266.5	1373.2	1431.8	1506.9	1679.7	1876.5	2065.8	2157.5
47.5°	1008.1	1051.7	1101.3	1171.9	1280.1	1344.7	1421.3	1606.1	1787.9	1947.1	1954.6
50°	930.0	964.6	1006.6	1078.7	1191.4	1253.0	1332.6	1505.4	1682.7	1792.4	1718.8
52.5°	848.9	880.4	924.0	987.1	1092.3	1164.4	1233.5	1406.3	1555.0	1628.6	1493.4
55°	769.2	796.3	841.4	912.0	1003.6	1059.2	1129.8	1290.6	1421.3	1422.8	1275.5
57.5°	691.1	715.1	752.7	815.8	901.4	966.1	1030.7	1170.4	1259.0	1233.5	1069.7
60°	622.0	637.0	671.6	733.2	812.8	859.4	928.5	1045.7	1104.3	1057.7	881.9
62.5°	549.9	564.9	592.0	641.5	716.7	766.2	809.8	906.0	946.5	875.9	731.7
65°	477.8	495.8	515.3	554.4	625.0	658.1	697.1	767.7	806.8	724.2	599.5
67.5°	414.7	423.7	443.2	483.8	533.4	563.4	590.4	638.5	646.0	579.9	477.8
70°	356.1	359.1	377.1	401.1	438.7	456.7	479.3	507.8	507.8	453.7	372.6
72.5°	290.0	294.5	308.0	333.5	356.1	365.1	372.6	390.6	387.6	338.0	282.5
75°	232.9	235.9	246.4	258.4	267.4	284.0	290.0	287.0	285.5	243.4	211.8
77.5°	180.3	181.8	189.3	199.8	201.3	207.3	202.8	202.8	189.3	165.3	148.7
80°	132.2	133.7	136.7	139.7	139.7	139.7	139.7	132.2	123.2	108.2	103.7
82.5°	88.6	88.6	90.1	93.1	91.6	88.6	85.6	78.1	72.1	67.6	64.6
85°	52.6	52.6	54.1	52.6	46.6	45.1	42.1	40.6	39.1	37.6	37.6
87.5°	25.5	24.0	21.0	18.0	18.0	18.0	18.0	18.0	18.0	16.5	16.5
90°	0.7	2.0	3.3	4.6	5.9	6.5	7.1	8.2	9.3	10.5	11.6
92.5°	13.8	12.3	10.9	9.4	7.9	7.2	7.7	8.7	9.6	10.6	11.6
95°	41.3	40.8	40.3	39.8	39.3	39.1	36.0	29.9	23.8	17.7	11.6
97.5°	77.6	78.6	79.5	80.5	81.4	81.9	74.2	58.9	43.6	28.3	13.0
100°	121.0	121.5	122.0	122.5	123.0	123.2	123.5	124.2	124.8	125.5	126.1
102.5°	165.3	165.9	166.6	167.2	167.9	168.2	168.4	168.7	169.0	169.3	169.6
105°	213.1	213.7	214.4	215.0	215.7	216.0	216.0	216.0	216.0	216.0	216.0
107.5°	262.4	262.4	262.4	262.4	262.4	262.4	262.6	262.9	263.2	263.5	263.8
110°	310.2	310.2	310.2	310.2	310.2	310.2	310.4	310.7	311.0	311.4	311.7

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	355.2	355.7	356.1	356.6	357.1	357.3	357.4	357.6	357.7	357.9	358.1
115°	400.1	400.9	401.7	402.5	403.3	403.7	403.8	404.0	404.1	404.3	404.5
117.5°	447.2	447.2	447.2	447.2	447.2	447.2	447.5	448.2	448.8	449.5	450.1
120°	490.7	490.5	490.4	490.2	490.1	490.0	490.2	490.7	491.2	491.7	492.2
122.5°	529.1	529.9	530.7	531.5	532.3	532.7	532.8	533.0	533.1	533.3	533.5
125°	569.0	570.1	571.3	572.4	573.5	574.1	574.1	574.1	574.1	574.1	574.1
127.5°	607.4	608.2	609.0	609.8	610.6	611.0	610.9	610.8	610.6	610.5	610.3
130°	642.2	643.0	643.8	644.6	645.4	645.8	645.9	646.0	646.2	646.3	646.5
132.5°	677.0	678.0	678.9	679.9	680.8	681.3	681.1	680.6	680.1	679.7	679.2
135°	709.6	710.6	711.5	712.5	713.4	713.9	713.7	713.4	713.1	712.8	712.5
137.5°	740.0	741.0	742.0	742.9	743.9	744.4	744.2	743.9	743.6	743.2	742.9
140°	769.8	770.1	770.4	770.7	771.0	771.2	771.1	771.0	770.8	770.7	770.5
142.5°	796.6	796.8	796.9	797.1	797.2	797.3	797.5	797.8	798.1	798.5	798.8
145°	822.7	823.0	823.3	823.6	823.9	824.1	824.1	824.1	824.1	824.1	824.1
147.5°	845.9	845.9	845.9	845.9	845.9	845.9	846.0	846.1	846.3	846.4	846.6
150°	867.6	867.3	867.0	866.7	866.4	866.2	866.4	866.7	867.0	867.3	867.6
152.5°	888.6	887.8	887.0	886.2	885.4	885.0	885.2	885.5	885.8	886.2	886.5
155°	906.0	905.0	904.1	903.1	902.2	901.7	901.9	902.2	902.5	902.8	903.1
157.5°	919.8	919.3	918.8	918.3	917.8	917.6	917.6	917.6	917.6	917.6	917.6
160°	934.3	933.3	932.3	931.4	930.4	929.9	930.0	930.2	930.3	930.5	930.7
162.5°	945.9	944.9	943.9	943.0	942.0	941.5	941.6	941.8	941.9	942.1	942.3
165°	956.0	955.0	954.1	953.1	952.2	951.7	951.8	951.9	952.1	952.2	952.4
167.5°	964.0	963.0	962.1	961.1	960.2	959.7	959.8	959.9	960.1	960.2	960.4
170°	970.5	969.4	968.3	967.2	966.1	965.5	965.6	965.7	965.9	966.0	966.2
172.5°	974.9	973.8	972.6	971.5	970.4	969.8	970.0	970.3	970.6	971.0	971.3
175°	977.8	976.8	975.8	974.9	973.9	973.4	973.5	973.7	973.8	974.0	974.2
177.5°	980.0	979.0	978.0	977.1	976.1	975.6	975.7	975.8	976.0	976.1	976.3
180°	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9
2.5°	1909.6	1920.1	1929.1	1924.6	1942.6	1941.1	1944.1	1950.1	1951.6	1948.6	1942.6
5°	2013.2	2028.3	2053.8	2067.3	2064.3	2076.3	2082.3	2091.4	2100.4	2097.4	2097.4
7.5°	2128.9	2150.0	2175.5	2210.1	2214.6	2225.1	2243.1	2243.1	2253.6	2249.1	2247.6
10°	2229.6	2255.1	2295.7	2322.7	2334.8	2340.8	2358.8	2364.8	2376.8	2378.3	2378.3
12.5°	2312.2	2357.3	2384.3	2411.4	2417.4	2426.4	2439.9	2448.9	2453.4	2453.4	2448.9
15°	2355.8	2391.8	2423.4	2451.9	2468.5	2476.0	2489.5	2500.0	2506.0	2519.5	2522.6
17.5°	2373.8	2417.4	2468.5	2509.0	2537.6	2545.1	2572.1	2581.1	2593.2	2599.2	2606.7
20°	2399.4	2462.5	2524.1	2573.6	2600.7	2620.2	2648.8	2690.8	2702.8	2702.8	2698.3
22.5°	2421.9	2503.0	2587.2	2666.8	2689.3	2728.4	2781.0	2826.0	2844.1	2851.6	2845.6
25°	2448.9	2560.1	2669.8	2768.9	2830.5	2859.1	2929.7	2983.8	3004.8	3016.8	3019.9
27.5°	2495.5	2635.2	2775.0	2901.2	2964.3	2997.3	3070.9	3117.5	3143.1	3153.6	3146.1
30°	2548.1	2719.4	2881.6	2994.3	3036.4	3076.9	3125.0	3143.1	3137.0	3137.0	3159.6
32.5°	2602.2	2779.5	2923.7	2997.3	3012.3	3006.3	2986.8	2932.7	2901.2	2901.2	2920.7
35°	2632.2	2785.5	2859.1	2835.1	2776.5	2741.9	2635.2	2575.1	2507.5	2503.0	2525.6
37.5°	2615.7	2681.8	2651.8	2494.0	2414.4	2348.3	2181.5	2115.4	2065.8	1996.7	2103.4
40°	2500.0	2477.5	2321.2	2094.4	2005.7	1912.6	1780.4	1714.3	1645.1	1634.6	1660.2
42.5°	2304.7	2171.0	1942.6	1723.3	1633.1	1567.0	1466.4	1401.8	1358.2	1340.2	1370.2
45°	2061.3	1851.0	1622.6	1448.3	1349.2	1314.6	1223.0	1165.9	1132.8	1119.3	1140.3
47.5°	1763.8	1552.0	1335.6	1188.4	1129.8	1095.3	1033.7	984.1	955.5	946.5	955.5
50°	1497.9	1280.1	1098.3	1003.6	951.0	922.5	871.4	839.8	817.3	811.3	826.3
52.5°	1268.0	1069.7	931.5	847.4	812.8	788.8	752.7	725.7	712.1	706.1	716.7
55°	1062.2	901.4	790.3	718.2	692.6	677.6	646.0	631.0	616.0	614.5	625.0
57.5°	880.4	769.2	667.1	616.0	608.5	585.9	558.9	545.4	537.9	536.4	540.9
60°	733.2	634.0	572.4	527.3	516.8	498.8	483.8	474.8	465.7	462.7	465.7
62.5°	610.0	531.9	482.3	452.2	437.2	432.7	416.2	405.7	404.1	404.1	407.2
65°	503.3	437.2	405.7	381.6	371.1	366.6	354.6	347.1	348.6	348.6	350.1
67.5°	410.2	362.1	333.5	321.5	312.5	311.0	299.0	296.0	293.0	293.0	296.0
70°	326.0	296.0	274.9	268.9	267.4	256.9	252.4	250.9	246.4	247.9	247.9
72.5°	255.4	235.9	223.9	214.8	216.3	210.3	204.3	204.3	201.3	205.8	205.8
75°	189.3	180.3	171.3	168.3	171.3	168.3	163.8	162.3	163.8	162.3	162.3
77.5°	139.7	135.2	132.2	130.7	130.7	124.7	121.7	124.7	118.7	121.7	121.7
80°	97.7	91.6	90.1	87.1	88.6	84.1	85.6	82.6	82.6	82.6	82.6
82.5°	61.6	60.1	60.1	60.1	58.6	58.6	58.6	58.6	58.6	58.6	57.1
85°	37.6	36.1	36.1	36.1	34.6	34.6	34.6	34.6	34.6	34.6	34.6
87.5°	15.0	16.5	16.5	18.0	16.5	15.0	15.0	15.0	16.5	16.5	15.0
90°	12.4	13.2	14.0	14.8	15.2	15.4	15.9	16.4	16.9	17.4	16.9
92.5°	12.4	13.2	14.0	14.8	15.2	15.3	15.4	15.6	15.7	15.9	15.7
95°	12.4	13.2	14.0	14.8	15.2	15.2	15.2	15.2	15.2	15.2	15.2
97.5°	13.3	13.7	14.0	14.3	14.5	14.6	14.7	14.9	15.0	15.2	15.0
100°	102.1	78.1	54.1	30.1	18.1	17.8	17.1	16.5	15.8	15.2	15.8
102.5°	169.9	170.3	170.6	170.9	171.1	164.3	150.8	137.3	123.7	110.2	123.7
105°	216.0	216.0	216.0	216.0	216.0	215.9	215.8	215.6	215.5	215.3	215.5
107.5°	264.0	264.2	264.3	264.5	264.6	264.3	263.6	263.0	262.3	261.7	262.3
110°	311.2	310.7	310.2	309.7	309.5	309.6	309.7	309.9	310.0	310.2	310.0

TEST NUMBER: P1034783

CATALOG NUMBER: S125RDIW-B1270D770UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	357.5	356.8	356.2	355.5	355.2	355.0	354.7	354.4	354.0	353.7	354.0
115°	403.9	403.2	402.6	401.9	401.6	401.1	400.1	399.2	398.2	397.2	398.2
117.5°	449.1	448.2	447.2	446.3	445.8	445.6	445.3	445.0	444.6	444.3	444.6
120°	491.9	491.5	491.2	490.9	490.7	490.3	489.5	488.7	487.9	487.1	487.9
122.5°	533.2	532.8	532.5	532.2	532.0	531.5	530.6	529.6	528.7	527.7	528.7
125°	573.5	572.8	572.2	571.5	571.2	571.0	570.5	570.0	569.5	569.0	569.5
127.5°	610.0	609.7	609.4	609.1	608.9	608.3	607.0	605.7	604.4	603.1	604.4
130°	646.0	645.6	645.1	644.6	644.4	644.0	643.2	642.3	641.5	640.7	641.5
132.5°	679.2	679.2	679.2	679.2	679.2	678.8	678.0	677.1	676.3	675.5	676.3
135°	712.2	711.9	711.6	711.3	711.1	710.6	709.6	708.7	707.7	706.7	707.7
137.5°	742.9	742.9	742.9	742.9	742.9	742.5	741.7	740.9	740.1	739.3	740.1
140°	770.8	771.1	771.4	771.7	771.9	771.4	770.5	769.5	768.6	767.6	768.6
142.5°	798.8	798.8	798.8	798.8	798.8	798.3	797.3	796.4	795.4	794.4	795.4
145°	824.3	824.4	824.6	824.7	824.8	824.3	823.4	822.4	821.5	820.5	821.5
147.5°	846.8	846.9	847.1	847.2	847.3	846.7	845.6	844.5	843.3	842.2	843.3
150°	867.9	868.3	868.6	868.9	869.1	868.5	867.2	865.9	864.6	863.3	864.6
152.5°	886.8	887.1	887.4	887.7	887.9	887.3	886.2	885.1	883.9	882.8	883.9
155°	903.6	904.1	904.6	905.1	905.3	904.7	903.4	902.1	900.8	899.5	900.8
157.5°	918.1	918.6	919.1	919.6	919.8	919.2	917.9	916.6	915.3	914.0	915.3
160°	931.3	932.0	932.6	933.3	933.6	933.0	931.7	930.4	929.1	927.8	929.1
162.5°	943.3	944.2	945.2	946.1	946.6	945.9	944.4	943.0	941.5	940.1	941.5
165°	953.4	954.4	955.3	956.3	956.8	956.2	954.9	953.6	952.3	951.0	952.3
167.5°	961.5	962.7	963.8	964.9	965.5	964.8	963.3	961.8	960.4	958.9	960.4
170°	967.5	968.8	970.1	971.4	972.0	971.3	969.8	968.4	966.9	965.5	966.9
172.5°	972.4	973.5	974.6	975.7	976.3	975.6	974.1	972.7	971.2	969.8	971.2
175°	975.5	976.8	978.1	979.4	980.0	979.3	977.8	976.3	974.9	973.4	974.9
177.5°	977.4	978.6	979.7	980.8	981.4	980.8	979.5	978.2	976.9	975.6	976.9
180°	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8

TEST NUMBER: P1034783

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9
2.5°	1950.1	1939.6	1944.1	1939.6	1935.1	1930.6	1920.1	1905.1	1893.0	1884.0	1882.5
5°	2100.4	2086.9	2077.8	2073.3	2064.3	2052.3	2032.8	2010.2	1983.2	1972.7	1951.6
7.5°	2238.6	2234.1	2213.1	2210.1	2204.0	2181.5	2148.5	2118.4	2083.8	2055.3	2028.3
10°	2369.3	2358.8	2343.8	2322.7	2319.7	2291.2	2259.6	2217.6	2172.5	2145.4	2097.4
12.5°	2450.4	2438.4	2421.9	2408.4	2400.9	2382.8	2339.3	2297.2	2256.6	2207.0	2165.0
15°	2509.0	2494.0	2464.0	2453.4	2444.4	2420.4	2388.8	2345.3	2291.2	2256.6	2196.5
17.5°	2588.7	2570.6	2540.6	2521.1	2504.5	2467.0	2421.9	2363.3	2312.2	2273.2	2219.1
20°	2680.3	2653.3	2614.2	2588.7	2564.6	2521.1	2458.0	2388.8	2315.2	2267.1	2211.6
22.5°	2832.1	2781.0	2719.4	2683.3	2650.3	2575.1	2500.0	2414.4	2331.7	2259.6	2192.0
25°	2979.3	2928.2	2851.6	2802.0	2750.9	2663.8	2564.6	2445.9	2340.8	2256.6	2168.0
27.5°	3116.0	3063.4	2992.8	2932.7	2883.1	2752.4	2621.7	2488.0	2354.3	2238.6	2148.5
30°	3147.6	3125.0	3070.9	3018.4	2973.3	2853.1	2701.3	2531.6	2370.8	2222.1	2121.4
32.5°	2956.8	3012.3	3025.9	3018.4	2989.8	2904.2	2764.4	2585.7	2394.8	2214.6	2076.3
35°	2560.1	2660.8	2764.4	2820.0	2847.1	2859.1	2776.5	2612.7	2411.4	2202.5	2046.3
37.5°	2122.9	2220.6	2384.3	2467.0	2558.6	2678.8	2711.9	2606.7	2403.9	2193.5	1998.2
40°	1744.3	1869.0	2004.2	2079.3	2159.0	2375.3	2539.1	2527.1	2379.8	2160.5	1960.7
42.5°	1419.8	1497.9	1616.6	1699.2	1796.9	2038.8	2258.1	2366.3	2307.7	2119.9	1912.6
45°	1183.9	1244.0	1328.1	1412.3	1472.4	1691.7	1951.6	2128.9	2184.5	2047.8	1839.0
47.5°	997.6	1042.7	1116.3	1168.9	1233.5	1406.3	1631.6	1881.0	1998.2	1945.6	1760.8
50°	854.9	890.9	949.5	982.6	1039.7	1188.4	1359.7	1621.1	1798.4	1804.4	1657.2
52.5°	730.2	766.2	815.8	844.4	878.9	979.6	1152.4	1373.2	1577.5	1652.7	1538.5
55°	635.5	656.6	697.1	719.7	751.2	848.9	958.5	1146.3	1359.7	1482.9	1410.8
57.5°	548.4	570.9	596.5	614.5	637.0	715.1	814.3	955.5	1167.4	1301.1	1277.1
60°	477.8	491.3	515.3	528.8	549.9	601.0	670.1	811.3	979.6	1105.8	1119.3
62.5°	411.7	423.7	440.2	452.2	465.7	506.3	557.4	658.1	805.3	942.0	960.0
65°	354.6	365.1	374.1	384.6	395.1	420.7	464.2	542.4	656.6	784.3	823.3
67.5°	303.5	306.5	320.0	321.5	327.5	347.1	378.6	441.7	524.3	626.5	677.6
70°	253.9	259.9	262.9	267.4	273.4	287.0	312.5	345.6	407.2	489.8	537.9
72.5°	205.8	207.3	211.8	214.8	220.9	231.4	243.4	268.9	308.0	368.1	411.7
75°	163.8	165.3	168.3	169.8	174.3	177.3	183.3	201.3	228.4	264.4	296.0
77.5°	123.2	126.2	129.2	129.2	130.7	133.7	136.7	142.7	156.3	180.3	207.3
80°	84.1	85.6	85.6	87.1	85.6	90.1	94.7	102.2	108.2	115.7	129.2
82.5°	58.6	58.6	58.6	60.1	60.1	61.6	61.6	63.1	64.6	69.1	75.1
85°	36.1	36.1	37.6	34.6	36.1	37.6	37.6	36.1	37.6	39.1	40.6
87.5°	15.0	15.0	16.5	16.5	16.5	16.5	15.0	16.5	15.0	16.5	16.5
90°	16.4	15.9	15.4	15.2	14.8	14.0	13.2	12.4	11.6	10.5	9.3
92.5°	15.6	15.4	15.3	15.2	14.8	14.0	13.2	12.4	11.6	10.6	9.6
95°	15.2	15.2	15.2	15.2	14.8	14.0	13.2	12.4	11.6	17.7	23.8
97.5°	14.9	14.7	14.6	14.5	14.3	14.0	13.7	13.3	13.0	28.3	43.6
100°	16.5	17.1	17.8	18.1	30.1	54.1	78.1	102.1	126.1	125.5	124.8
102.5°	137.3	150.8	164.3	171.1	170.9	170.6	170.3	169.9	169.6	169.3	169.0
105°	215.6	215.8	215.9	216.0	216.0	216.0	216.0	216.0	216.0	216.0	216.0
107.5°	263.0	263.6	264.3	264.6	264.5	264.3	264.2	264.0	263.8	263.5	263.2
110°	309.9	309.7	309.6	309.5	309.7	310.2	310.7	311.2	311.7	311.4	311.0

TEST NUMBER: P1034783

CATALOG NUMBER: S125RDIW-B1270D770UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	354.4	354.7	355.0	355.2	355.5	356.2	356.8	357.5	358.1	357.9	357.7
115°	399.2	400.1	401.1	401.6	401.9	402.6	403.2	403.9	404.5	404.3	404.1
117.5°	445.0	445.3	445.6	445.8	446.3	447.2	448.2	449.1	450.1	449.5	448.8
120°	488.7	489.5	490.3	490.7	490.9	491.2	491.5	491.9	492.2	491.7	491.2
122.5°	529.6	530.6	531.5	532.0	532.2	532.5	532.8	533.2	533.5	533.3	533.1
125°	570.0	570.5	571.0	571.2	571.5	572.2	572.8	573.5	574.1	574.1	574.1
127.5°	605.7	607.0	608.3	608.9	609.1	609.4	609.7	610.0	610.3	610.5	610.6
130°	642.3	643.2	644.0	644.4	644.6	645.1	645.6	646.0	646.5	646.3	646.2
132.5°	677.1	678.0	678.8	679.2	679.2	679.2	679.2	679.2	679.2	679.7	680.1
135°	708.7	709.6	710.6	711.1	711.3	711.6	711.9	712.2	712.5	712.8	713.1
137.5°	740.9	741.7	742.5	742.9	742.9	742.9	742.9	742.9	742.9	743.2	743.6
140°	769.5	770.5	771.4	771.9	771.7	771.4	771.1	770.8	770.5	770.7	770.8
142.5°	796.4	797.3	798.3	798.8	798.8	798.8	798.8	798.8	798.8	798.5	798.1
145°	822.4	823.4	824.3	824.8	824.7	824.6	824.4	824.3	824.1	824.1	824.1
147.5°	844.5	845.6	846.7	847.3	847.2	847.1	846.9	846.8	846.6	846.4	846.3
150°	865.9	867.2	868.5	869.1	868.9	868.6	868.3	867.9	867.6	867.3	867.0
152.5°	885.1	886.2	887.3	887.9	887.7	887.4	887.1	886.8	886.5	886.2	885.8
155°	902.1	903.4	904.7	905.3	905.1	904.6	904.1	903.6	903.1	902.8	902.5
157.5°	916.6	917.9	919.2	919.8	919.6	919.1	918.6	918.1	917.6	917.6	917.6
160°	930.4	931.7	933.0	933.6	933.3	932.6	932.0	931.3	930.7	930.5	930.3
162.5°	943.0	944.4	945.9	946.6	946.1	945.2	944.2	943.3	942.3	942.1	941.9
165°	953.6	954.9	956.2	956.8	956.3	955.3	954.4	953.4	952.4	952.2	952.1
167.5°	961.8	963.3	964.8	965.5	964.9	963.8	962.7	961.5	960.4	960.2	960.1
170°	968.4	969.8	971.3	972.0	971.4	970.1	968.8	967.5	966.2	966.0	965.9
172.5°	972.7	974.1	975.6	976.3	975.7	974.6	973.5	972.4	971.3	971.0	970.6
175°	976.3	977.8	979.3	980.0	979.4	978.1	976.8	975.5	974.2	974.0	973.8
177.5°	978.2	979.5	980.8	981.4	980.8	979.7	978.6	977.4	976.3	976.1	976.0
180°	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8

TEST NUMBER: P1034783

CATALOG NUMBER: S125RDIW-B1270D770UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9
2.5°	1878.0	1869.0	1863.0	1861.5	1852.5	1845.0	1836.0	1834.4	1829.9	1817.9	1810.4
5°	1936.6	1915.6	1911.1	1897.5	1875.0	1858.5	1837.5	1825.4	1811.9	1789.4	1771.3
7.5°	1996.7	1968.2	1947.1	1927.6	1896.0	1866.0	1836.0	1811.9	1787.9	1754.8	1727.8
10°	2055.3	2011.7	1986.2	1957.6	1914.1	1869.0	1826.9	1792.4	1753.3	1714.3	1675.2
12.5°	2109.4	2053.8	2016.2	1975.7	1921.6	1866.0	1811.9	1763.8	1723.3	1670.7	1627.1
15°	2142.4	2080.8	2043.3	2004.2	1923.1	1861.5	1798.4	1736.8	1682.7	1627.1	1586.5
17.5°	2162.0	2092.9	2050.8	2014.7	1932.1	1848.0	1766.8	1700.7	1642.1	1576.0	1521.9
20°	2153.0	2085.4	2046.3	2011.7	1915.6	1831.4	1744.3	1667.7	1594.1	1526.5	1469.4
22.5°	2133.4	2062.8	2019.2	1987.7	1902.1	1802.9	1706.7	1624.1	1547.5	1479.9	1415.3
25°	2091.4	2022.2	1984.7	1945.6	1861.5	1766.8	1669.2	1580.5	1499.4	1427.3	1355.2
27.5°	2053.8	1969.7	1930.6	1896.0	1807.4	1723.3	1627.1	1529.5	1446.8	1371.7	1299.6
30°	2010.2	1915.6	1873.5	1826.9	1747.3	1667.7	1571.5	1481.4	1395.7	1316.1	1247.0
32.5°	1963.7	1854.0	1805.9	1753.3	1672.2	1597.1	1515.9	1427.3	1341.7	1263.5	1191.4
35°	1903.6	1786.4	1730.8	1681.2	1597.1	1521.9	1446.8	1373.2	1287.6	1204.9	1135.8
37.5°	1846.5	1717.3	1658.7	1601.6	1512.9	1440.8	1379.2	1310.1	1227.5	1147.8	1081.7
40°	1781.9	1633.1	1573.0	1520.4	1428.8	1349.2	1293.6	1239.5	1167.4	1090.8	1018.6
42.5°	1723.3	1555.0	1491.9	1437.8	1341.7	1266.5	1214.0	1168.9	1105.8	1035.2	961.5
45°	1642.1	1470.9	1406.3	1349.2	1251.5	1180.9	1126.8	1087.7	1038.2	972.1	906.0
47.5°	1567.0	1389.7	1319.1	1250.0	1161.4	1089.3	1039.7	1009.6	976.6	918.0	850.4
50°	1475.4	1296.6	1224.5	1167.4	1066.7	1005.1	955.5	934.5	904.5	848.9	794.8
52.5°	1376.2	1206.4	1138.8	1069.7	976.6	916.5	872.9	848.9	824.8	784.3	733.2
55°	1260.5	1105.8	1042.7	981.1	887.9	832.3	793.3	767.7	754.2	716.7	679.1
57.5°	1149.3	1003.6	945.0	887.9	806.8	743.7	718.2	695.6	676.1	649.0	617.5
60°	1036.7	904.5	841.4	790.3	719.7	662.6	641.5	619.0	604.0	582.9	560.4
62.5°	907.5	794.8	746.7	698.6	638.5	593.5	569.4	551.4	531.9	518.3	498.8
65°	770.7	691.1	644.5	608.5	551.4	510.8	492.8	480.8	464.2	450.7	435.7
67.5°	643.0	579.9	560.4	521.3	477.8	441.7	428.2	413.2	399.6	392.1	378.6
70°	519.8	474.8	455.2	444.7	396.6	372.6	360.6	354.6	338.0	330.5	321.5
72.5°	402.6	386.1	372.6	359.1	327.5	312.5	299.0	293.0	281.0	274.9	271.9
75°	297.5	287.0	279.4	277.9	264.4	249.4	235.9	232.9	223.9	217.9	214.8
77.5°	208.8	205.8	204.3	205.8	196.8	187.8	184.8	181.8	171.3	169.8	169.8
80°	136.7	144.2	144.2	142.7	139.7	138.2	133.7	130.7	124.7	123.2	124.7
82.5°	84.1	88.6	90.1	93.1	91.6	90.1	87.1	85.6	87.1	84.1	85.6
85°	42.1	45.1	51.1	51.1	52.6	52.6	52.6	51.1	48.1	49.6	48.1
87.5°	16.5	18.0	18.0	18.0	16.5	21.0	22.5	22.5	22.5	19.5	19.5
90°	8.2	7.1	6.5	5.9	4.6	3.3	2.0	0.7	2.0	3.3	4.6
92.5°	8.7	7.7	7.2	7.9	9.4	10.9	12.3	13.8	12.3	10.9	9.4
95°	29.9	36.0	39.1	39.3	39.8	40.3	40.8	41.3	40.8	40.3	39.8
97.5°	58.9	74.2	81.9	81.4	80.5	79.5	78.6	77.6	78.6	79.5	80.5
100°	124.2	123.5	123.2	123.0	122.5	122.0	121.5	121.0	121.5	122.0	122.5
102.5°	168.7	168.4	168.2	167.9	167.2	166.6	165.9	165.3	165.9	166.6	167.2
105°	216.0	216.0	216.0	215.7	215.0	214.4	213.7	213.1	213.7	214.4	215.0
107.5°	262.9	262.6	262.4	262.4	262.4	262.4	262.4	262.4	262.4	262.4	262.4
110°	310.7	310.4	310.2	310.2	310.2	310.2	310.2	310.2	310.2	310.2	310.2

TEST NUMBER: P1034783

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	357.6	357.4	357.3	357.1	356.6	356.1	355.7	355.2	355.7	356.1	356.6
115°	404.0	403.8	403.7	403.3	402.5	401.7	400.9	400.1	400.9	401.7	402.5
117.5°	448.2	447.5	447.2	447.2	447.2	447.2	447.2	447.2	447.2	447.2	447.2
120°	490.7	490.2	490.0	490.1	490.2	490.4	490.5	490.7	490.5	490.4	490.2
122.5°	533.0	532.8	532.7	532.3	531.5	530.7	529.9	529.1	529.9	530.7	531.5
125°	574.1	574.1	574.1	573.5	572.4	571.3	570.1	569.0	570.1	571.3	572.4
127.5°	610.8	610.9	611.0	610.6	609.8	609.0	608.2	607.4	608.2	609.0	609.8
130°	646.0	645.9	645.8	645.4	644.6	643.8	643.0	642.2	643.0	643.8	644.6
132.5°	680.6	681.1	681.3	680.8	679.9	678.9	678.0	677.0	678.0	678.9	679.9
135°	713.4	713.7	713.9	713.4	712.5	711.5	710.6	709.6	710.6	711.5	712.5
137.5°	743.9	744.2	744.4	743.9	742.9	742.0	741.0	740.0	741.0	742.0	742.9
140°	771.0	771.1	771.2	771.0	770.7	770.4	770.1	769.8	770.1	770.4	770.7
142.5°	797.8	797.5	797.3	797.2	797.1	796.9	796.8	796.6	796.8	796.9	797.1
145°	824.1	824.1	824.1	823.9	823.6	823.3	823.0	822.7	823.0	823.3	823.6
147.5°	846.1	846.0	845.9	845.9	845.9	845.9	845.9	845.9	845.9	845.9	845.9
150°	866.7	866.4	866.2	866.4	866.7	867.0	867.3	867.6	867.3	867.0	866.7
152.5°	885.5	885.2	885.0	885.4	886.2	887.0	887.8	888.6	887.8	887.0	886.2
155°	902.2	901.9	901.7	902.2	903.1	904.1	905.0	906.0	905.0	904.1	903.1
157.5°	917.6	917.6	917.6	917.8	918.3	918.8	919.3	919.8	919.3	918.8	918.3
160°	930.2	930.0	929.9	930.4	931.4	932.3	933.3	934.3	933.3	932.3	931.4
162.5°	941.8	941.6	941.5	942.0	943.0	943.9	944.9	945.9	944.9	943.9	943.0
165°	951.9	951.8	951.7	952.2	953.1	954.1	955.0	956.0	955.0	954.1	953.1
167.5°	959.9	959.8	959.7	960.2	961.1	962.1	963.0	964.0	963.0	962.1	961.1
170°	965.7	965.6	965.5	966.1	967.2	968.3	969.4	970.5	969.4	968.3	967.2
172.5°	970.3	970.0	969.8	970.4	971.5	972.6	973.8	974.9	973.8	972.6	971.5
175°	973.7	973.5	973.4	973.9	974.9	975.8	976.8	977.8	976.8	975.8	974.9
177.5°	975.8	975.7	975.6	976.1	977.1	978.0	979.0	980.0	979.0	978.0	977.1
180°	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8

TEST NUMBER: P1034783

CATALOG NUMBER: S125RDIW-B1270D770UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9
2.5°	1805.9	1799.9	1795.4	1790.9	1771.3	1750.3	1747.3	1742.8	1733.8	1744.3	1739.8
5°	1759.3	1745.8	1738.3	1718.8	1694.7	1676.7	1661.7	1643.6	1636.1	1630.1	1628.6
7.5°	1702.2	1690.2	1676.7	1657.2	1627.1	1597.1	1574.5	1556.5	1541.5	1534.0	1534.0
10°	1646.6	1631.6	1613.6	1580.5	1552.0	1514.4	1490.4	1472.4	1451.3	1439.3	1428.8
12.5°	1589.6	1573.0	1556.5	1514.4	1481.4	1442.3	1407.8	1385.2	1374.7	1361.2	1343.2
15°	1532.5	1506.9	1490.4	1448.3	1406.3	1367.2	1344.7	1320.6	1296.6	1283.1	1277.1
17.5°	1472.4	1454.3	1427.3	1382.2	1335.6	1301.1	1268.0	1245.5	1217.0	1203.4	1189.9
20°	1418.3	1391.2	1364.2	1319.1	1274.0	1227.5	1194.4	1167.4	1149.3	1138.8	1126.8
22.5°	1353.7	1328.1	1305.6	1257.5	1207.9	1164.4	1128.3	1111.8	1093.8	1077.2	1065.2
25°	1298.1	1272.5	1250.0	1197.4	1143.3	1102.8	1075.7	1054.7	1035.2	1027.7	1015.6
27.5°	1239.5	1215.5	1185.4	1132.8	1084.7	1050.2	1021.6	1002.1	987.1	972.1	963.0
30°	1183.9	1156.9	1129.8	1072.7	1033.7	999.1	972.1	948.0	936.0	928.5	913.5
32.5°	1129.8	1095.3	1072.7	1020.1	982.6	949.5	927.0	906.0	890.9	877.4	865.4
35°	1071.2	1033.7	1011.1	967.6	928.5	895.4	875.9	860.9	842.9	830.8	824.8
37.5°	1015.6	984.1	961.5	916.5	877.4	850.4	829.3	809.8	802.3	785.8	782.8
40°	955.5	928.5	907.5	863.9	827.8	806.8	784.3	766.2	752.7	745.2	734.7
42.5°	901.4	878.9	856.4	815.8	781.3	755.7	739.2	722.7	710.6	698.6	691.1
45°	851.9	827.8	806.8	767.7	733.2	710.6	694.1	674.6	671.6	655.1	647.5
47.5°	799.3	778.3	760.2	719.7	688.1	665.6	646.0	632.5	619.0	613.0	602.5
50°	748.2	727.2	706.1	670.1	641.5	619.0	599.5	584.4	576.9	567.9	558.9
52.5°	692.6	676.1	659.6	622.0	593.5	573.9	557.4	537.9	530.4	522.8	516.8
55°	646.0	622.0	604.0	572.4	546.9	525.8	507.8	492.8	485.3	479.3	471.8
57.5°	582.9	567.9	552.9	524.3	500.3	479.3	461.2	449.2	440.2	435.7	437.2
60°	528.8	512.3	503.3	473.3	449.2	432.7	416.2	404.1	395.1	390.6	389.1
62.5°	471.8	459.7	443.2	422.2	398.1	383.1	371.1	362.1	347.1	345.6	341.0
65°	416.2	407.2	392.1	372.6	353.1	339.5	326.0	314.0	308.0	300.5	296.0
67.5°	362.1	353.1	339.5	323.0	309.5	296.0	284.0	271.9	261.4	255.4	252.4
70°	309.5	302.0	293.0	273.4	256.9	246.4	237.4	229.9	219.4	216.3	214.8
72.5°	258.4	250.9	246.4	229.9	214.8	205.8	196.8	189.3	184.8	183.3	178.8
75°	211.8	204.3	198.3	183.3	174.3	168.3	159.3	156.3	151.7	150.2	148.7
77.5°	165.3	157.8	156.3	145.7	135.2	132.2	129.2	123.2	123.2	123.2	120.2
80°	118.7	117.2	115.7	105.2	100.7	97.7	96.2	91.6	88.6	85.6	84.1
82.5°	79.6	78.1	76.6	72.1	67.6	66.1	64.6	61.6	61.6	63.1	60.1
85°	48.1	45.1	43.6	42.1	39.1	39.1	40.6	39.1	39.1	39.1	37.6
87.5°	18.0	18.0	18.0	18.0	19.5	16.5	18.0	18.0	16.5	16.5	15.0
90°	5.9	6.5	7.1	8.2	9.3	10.5	11.6	12.4	13.2	14.0	14.8
92.5°	7.9	7.2	7.7	8.7	9.6	10.6	11.6	12.4	13.2	14.0	14.8
95°	39.3	39.1	36.0	29.9	23.8	17.7	11.6	12.4	13.2	14.0	14.8
97.5°	81.4	81.9	74.2	58.9	43.6	28.3	13.0	13.3	13.7	14.0	14.3
100°	123.0	123.2	123.5	124.2	124.8	125.5	126.1	102.1	78.1	54.1	30.1
102.5°	167.9	168.2	168.4	168.7	169.0	169.3	169.6	169.9	170.3	170.6	170.9
105°	215.7	216.0	216.0	216.0	216.0	216.0	216.0	216.0	216.0	216.0	216.0
107.5°	262.4	262.4	262.6	262.9	263.2	263.5	263.8	264.0	264.2	264.3	264.5
110°	310.2	310.2	310.4	310.7	311.0	311.4	311.7	311.2	310.7	310.2	309.7

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	357.1	357.3	357.4	357.6	357.7	357.9	358.1	357.5	356.8	356.2	355.5
115°	403.3	403.7	403.8	404.0	404.1	404.3	404.5	403.9	403.2	402.6	401.9
117.5°	447.2	447.2	447.5	448.2	448.8	449.5	450.1	449.1	448.2	447.2	446.3
120°	490.1	490.0	490.2	490.7	491.2	491.7	492.2	491.9	491.5	491.2	490.9
122.5°	532.3	532.7	532.8	533.0	533.1	533.3	533.5	533.2	532.8	532.5	532.2
125°	573.5	574.1	574.1	574.1	574.1	574.1	574.1	573.5	572.8	572.2	571.5
127.5°	610.6	611.0	610.9	610.8	610.6	610.5	610.3	610.0	609.7	609.4	609.1
130°	645.4	645.8	645.9	646.0	646.2	646.3	646.5	646.0	645.6	645.1	644.6
132.5°	680.8	681.3	681.1	680.6	680.1	679.7	679.2	679.2	679.2	679.2	679.2
135°	713.4	713.9	713.7	713.4	713.1	712.8	712.5	712.2	711.9	711.6	711.3
137.5°	743.9	744.4	744.2	743.9	743.6	743.2	742.9	742.9	742.9	742.9	742.9
140°	771.0	771.2	771.1	771.0	770.8	770.7	770.5	770.8	771.1	771.4	771.7
142.5°	797.2	797.3	797.5	797.8	798.1	798.5	798.8	798.8	798.8	798.8	798.8
145°	823.9	824.1	824.1	824.1	824.1	824.1	824.1	824.3	824.4	824.6	824.7
147.5°	845.9	845.9	846.0	846.1	846.3	846.4	846.6	846.8	846.9	847.1	847.2
150°	866.4	866.2	866.4	866.7	867.0	867.3	867.6	867.9	868.3	868.6	868.9
152.5°	885.4	885.0	885.2	885.5	885.8	886.2	886.5	886.8	887.1	887.4	887.7
155°	902.2	901.7	901.9	902.2	902.5	902.8	903.1	903.6	904.1	904.6	905.1
157.5°	917.8	917.6	917.6	917.6	917.6	917.6	917.6	918.1	918.6	919.1	919.6
160°	930.4	929.9	930.0	930.2	930.3	930.5	930.7	931.3	932.0	932.6	933.3
162.5°	942.0	941.5	941.6	941.8	941.9	942.1	942.3	943.3	944.2	945.2	946.1
165°	952.2	951.7	951.8	951.9	952.1	952.2	952.4	953.4	954.4	955.3	956.3
167.5°	960.2	959.7	959.8	959.9	960.1	960.2	960.4	961.5	962.7	963.8	964.9
170°	966.1	965.5	965.6	965.7	965.9	966.0	966.2	967.5	968.8	970.1	971.4
172.5°	970.4	969.8	970.0	970.3	970.6	971.0	971.3	972.4	973.5	974.6	975.7
175°	973.9	973.4	973.5	973.7	973.8	974.0	974.2	975.5	976.8	978.1	979.4
177.5°	976.1	975.6	975.7	975.8	976.0	976.1	976.3	977.4	978.6	979.7	980.8
180°	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8

TEST NUMBER: P1034783

CATALOG NUMBER: S125RDIW-B1270D770UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9
2.5°	1732.3	1735.3	1727.8	1724.8	1718.8	1726.3	1727.8	1726.3	1739.8	1733.8	1736.8
5°	1631.6	1625.6	1621.1	1610.6	1610.6	1612.1	1616.6	1609.1	1613.6	1624.1	1622.6
7.5°	1520.4	1517.4	1518.9	1506.9	1497.9	1500.9	1497.9	1511.4	1518.9	1515.9	1521.9
10°	1419.8	1425.8	1412.3	1406.3	1400.3	1406.3	1404.8	1407.8	1416.8	1422.8	1433.3
12.5°	1338.7	1337.1	1329.6	1323.6	1313.1	1316.1	1325.1	1322.1	1323.6	1337.1	1335.6
15°	1262.0	1253.0	1247.0	1233.5	1236.5	1226.0	1235.0	1245.5	1250.0	1262.0	1269.5
17.5°	1185.4	1183.9	1176.4	1174.9	1158.4	1153.9	1162.9	1165.9	1170.4	1176.4	1186.9
20°	1120.8	1119.3	1108.8	1105.8	1092.3	1101.3	1098.3	1104.3	1107.3	1119.3	1123.8
22.5°	1062.2	1054.7	1051.7	1047.2	1042.7	1041.2	1047.2	1045.7	1056.2	1060.7	1062.2
25°	1008.1	1002.1	1000.6	993.1	990.1	985.6	990.1	994.6	1006.6	1011.1	1017.1
27.5°	958.5	954.0	951.0	945.0	940.5	940.5	943.5	949.5	954.0	957.0	960.0
30°	913.5	910.5	901.4	898.4	893.9	893.9	893.9	896.9	904.5	913.5	918.0
32.5°	866.9	860.9	854.9	854.9	850.4	850.4	851.9	854.9	862.4	863.9	871.4
35°	821.8	815.8	811.3	808.3	809.8	803.8	806.8	811.3	820.3	823.3	827.8
37.5°	778.3	776.7	767.7	763.2	766.2	766.2	764.7	767.7	773.7	779.8	782.8
40°	730.2	727.2	727.2	722.7	724.2	718.2	722.7	725.7	728.7	734.7	739.2
42.5°	688.1	685.1	679.1	680.6	676.1	676.1	679.1	680.6	685.1	692.6	695.6
45°	643.0	643.0	640.0	635.5	637.0	632.5	635.5	637.0	643.0	650.5	647.5
47.5°	599.5	598.0	598.0	592.0	595.0	590.4	595.0	596.5	599.5	604.0	602.5
50°	557.4	552.9	554.4	552.9	551.4	551.4	554.4	554.4	557.4	557.4	561.9
52.5°	513.8	513.8	510.8	512.3	515.3	512.3	516.8	512.3	515.3	516.8	519.8
55°	474.8	471.8	473.3	471.8	477.8	473.3	477.8	474.8	477.8	476.3	479.3
57.5°	432.7	428.2	429.7	428.2	432.7	431.2	435.7	431.2	432.7	434.2	438.7
60°	384.6	384.6	384.6	381.6	386.1	386.1	384.6	384.6	390.6	393.6	392.1
62.5°	339.5	338.0	333.5	332.0	333.5	330.5	336.5	335.0	338.0	341.0	344.1
65°	290.0	287.0	285.5	282.5	282.5	281.0	282.5	288.5	290.0	291.5	299.0
67.5°	249.4	247.9	246.4	241.9	241.9	244.9	244.9	244.9	253.9	249.4	255.4
70°	213.3	210.3	207.3	205.8	205.8	207.3	208.8	210.3	208.8	214.8	216.3
72.5°	178.8	180.3	177.3	177.3	177.3	175.8	175.8	178.8	180.3	178.8	180.3
75°	148.7	148.7	147.2	148.7	148.7	147.2	147.2	150.2	150.2	148.7	153.2
77.5°	120.2	118.7	115.7	112.7	114.2	112.7	114.2	112.7	117.2	121.7	118.7
80°	84.1	82.6	82.6	82.6	84.1	82.6	85.6	82.6	84.1	84.1	85.6
82.5°	60.1	61.6	61.6	60.1	61.6	60.1	61.6	61.6	61.6	60.1	61.6
85°	39.1	39.1	39.1	39.1	37.6	39.1	39.1	39.1	40.6	39.1	40.6
87.5°	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	18.0	16.5	18.0
90°	15.2	15.4	15.9	16.4	16.9	17.4	16.9	16.4	15.9	15.4	15.2
92.5°	15.2	15.3	15.4	15.6	15.7	15.9	15.7	15.6	15.4	15.3	15.2
95°	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
97.5°	14.5	14.6	14.7	14.9	15.0	15.2	15.0	14.9	14.7	14.6	14.5
100°	18.1	17.8	17.1	16.5	15.8	15.2	15.8	16.5	17.1	17.8	18.1
102.5°	171.1	164.3	150.8	137.3	123.7	110.2	123.7	137.3	150.8	164.3	171.1
105°	216.0	215.9	215.8	215.6	215.5	215.3	215.5	215.6	215.8	215.9	216.0
107.5°	264.6	264.3	263.6	263.0	262.3	261.7	262.3	263.0	263.6	264.3	264.6
110°	309.5	309.6	309.7	309.9	310.0	310.2	310.0	309.9	309.7	309.6	309.5

TEST NUMBER: P1034783

CATALOG NUMBER: S125RDIW-B1270D770UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	355.2	355.0	354.7	354.4	354.0	353.7	354.0	354.4	354.7	355.0	355.2
115°	401.6	401.1	400.1	399.2	398.2	397.2	398.2	399.2	400.1	401.1	401.6
117.5°	445.8	445.6	445.3	445.0	444.6	444.3	444.6	445.0	445.3	445.6	445.8
120°	490.7	490.3	489.5	488.7	487.9	487.1	487.9	488.7	489.5	490.3	490.7
122.5°	532.0	531.5	530.6	529.6	528.7	527.7	528.7	529.6	530.6	531.5	532.0
125°	571.2	571.0	570.5	570.0	569.5	569.0	569.5	570.0	570.5	571.0	571.2
127.5°	608.9	608.3	607.0	605.7	604.4	603.1	604.4	605.7	607.0	608.3	608.9
130°	644.4	644.0	643.2	642.3	641.5	640.7	641.5	642.3	643.2	644.0	644.4
132.5°	679.2	678.8	678.0	677.1	676.3	675.5	676.3	677.1	678.0	678.8	679.2
135°	711.1	710.6	709.6	708.7	707.7	706.7	707.7	708.7	709.6	710.6	711.1
137.5°	742.9	742.5	741.7	740.9	740.1	739.3	740.1	740.9	741.7	742.5	742.9
140°	771.9	771.4	770.5	769.5	768.6	767.6	768.6	769.5	770.5	771.4	771.9
142.5°	798.8	798.3	797.3	796.4	795.4	794.4	795.4	796.4	797.3	798.3	798.8
145°	824.8	824.3	823.4	822.4	821.5	820.5	821.5	822.4	823.4	824.3	824.8
147.5°	847.3	846.7	845.6	844.5	843.3	842.2	843.3	844.5	845.6	846.7	847.3
150°	869.1	868.5	867.2	865.9	864.6	863.3	864.6	865.9	867.2	868.5	869.1
152.5°	887.9	887.3	886.2	885.1	883.9	882.8	883.9	885.1	886.2	887.3	887.9
155°	905.3	904.7	903.4	902.1	900.8	899.5	900.8	902.1	903.4	904.7	905.3
157.5°	919.8	919.2	917.9	916.6	915.3	914.0	915.3	916.6	917.9	919.2	919.8
160°	933.6	933.0	931.7	930.4	929.1	927.8	929.1	930.4	931.7	933.0	933.6
162.5°	946.6	945.9	944.4	943.0	941.5	940.1	941.5	943.0	944.4	945.9	946.6
165°	956.8	956.2	954.9	953.6	952.3	951.0	952.3	953.6	954.9	956.2	956.8
167.5°	965.5	964.8	963.3	961.8	960.4	958.9	960.4	961.8	963.3	964.8	965.5
170°	972.0	971.3	969.8	968.4	966.9	965.5	966.9	968.4	969.8	971.3	972.0
172.5°	976.3	975.6	974.1	972.7	971.2	969.8	971.2	972.7	974.1	975.6	976.3
175°	980.0	979.3	977.8	976.3	974.9	973.4	974.9	976.3	977.8	979.3	980.0
177.5°	981.4	980.8	979.5	978.2	976.9	975.6	976.9	978.2	979.5	980.8	981.4
180°	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8

TEST NUMBER: P1034783

CATALOG NUMBER: S125RDIW-B1270D770UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9	1829.9
2.5°	1730.8	1738.3	1732.3	1727.8	1739.8	1745.8	1745.8	1756.3	1766.8	1775.9	1777.4
5°	1624.1	1636.1	1639.1	1637.6	1655.7	1664.7	1684.2	1694.7	1709.7	1720.3	1732.3
7.5°	1526.5	1543.0	1544.5	1547.5	1574.5	1589.6	1606.1	1633.1	1654.2	1669.2	1682.7
10°	1428.8	1439.3	1449.8	1463.4	1490.4	1515.9	1540.0	1568.5	1595.6	1610.6	1630.1
12.5°	1355.2	1362.7	1374.7	1383.7	1412.3	1434.8	1466.4	1505.4	1544.5	1556.5	1580.5
15°	1278.6	1283.1	1307.1	1316.1	1340.2	1377.7	1397.2	1434.8	1476.9	1499.4	1526.5
17.5°	1189.9	1217.0	1232.0	1242.5	1272.5	1302.6	1334.1	1373.2	1427.3	1448.3	1467.9
20°	1126.8	1146.3	1162.9	1176.4	1203.4	1248.5	1277.1	1308.6	1359.7	1383.7	1412.3
22.5°	1071.2	1087.7	1102.8	1117.8	1135.8	1176.4	1209.4	1253.0	1304.1	1326.6	1359.7
25°	1018.6	1035.2	1044.2	1062.2	1086.2	1114.8	1153.9	1192.9	1244.0	1269.5	1301.1
27.5°	967.6	984.1	1000.6	1015.6	1032.2	1059.2	1086.2	1135.8	1188.4	1218.5	1245.5
30°	924.0	931.5	946.5	963.0	979.6	1005.1	1036.7	1071.2	1131.3	1158.4	1191.4
32.5°	875.9	889.4	899.9	912.0	933.0	954.0	982.6	1026.1	1074.2	1099.8	1135.8
35°	830.8	842.9	850.4	871.4	884.9	907.5	936.0	975.1	1015.6	1044.2	1075.7
37.5°	787.3	799.3	808.3	820.3	838.3	857.9	887.9	916.5	964.6	988.6	1024.6
40°	742.2	752.7	763.2	776.7	793.3	817.3	835.3	871.4	910.5	937.5	964.6
42.5°	698.6	704.6	716.7	731.7	748.2	769.2	794.8	823.3	862.4	886.4	910.5
45°	652.0	662.6	676.1	686.6	701.6	722.7	745.2	770.7	809.8	833.8	859.4
47.5°	608.5	616.0	625.0	641.5	661.1	676.1	700.1	724.2	760.2	782.8	806.8
50°	563.4	570.9	584.4	595.0	610.0	629.5	652.0	677.6	712.1	727.2	751.2
52.5°	521.3	524.3	537.9	548.4	563.4	585.9	604.0	626.5	659.6	676.1	700.1
55°	479.3	482.3	489.8	500.3	516.8	534.9	554.4	579.9	608.5	623.5	646.0
57.5°	435.7	438.7	446.2	453.7	470.3	486.8	509.3	530.4	558.9	572.4	593.5
60°	392.1	392.1	399.6	410.2	422.2	437.2	456.7	482.3	503.3	519.8	534.9
62.5°	345.6	350.1	354.6	362.1	375.6	393.6	410.2	428.2	453.7	465.7	479.3
65°	299.0	303.5	312.5	320.0	330.5	342.6	363.6	378.6	398.1	411.7	423.7
67.5°	258.4	262.9	268.9	277.9	285.5	299.0	314.0	329.0	350.1	359.1	368.1
70°	216.3	220.9	225.4	237.4	244.9	255.4	265.9	281.0	299.0	305.0	312.5
72.5°	183.3	184.8	190.8	193.8	204.3	213.3	225.4	234.4	247.9	255.4	261.4
75°	154.7	154.7	156.3	159.3	165.3	171.3	180.3	189.3	201.3	205.8	213.3
77.5°	121.7	126.2	124.7	127.7	130.7	133.7	141.2	147.2	159.3	162.3	165.3
80°	87.1	88.6	93.1	97.7	97.7	102.2	106.7	108.2	115.7	120.2	120.2
82.5°	63.1	64.6	63.1	64.6	66.1	67.6	72.1	78.1	78.1	79.6	82.6
85°	39.1	39.1	40.6	42.1	42.1	40.6	43.6	42.1	43.6	46.6	46.6
87.5°	19.5	18.0	18.0	18.0	18.0	18.0	19.5	18.0	19.5	19.5	19.5
90°	14.8	14.0	13.2	12.4	11.6	10.5	9.3	8.2	7.1	6.5	5.9
92.5°	14.8	14.0	13.2	12.4	11.6	10.6	9.6	8.7	7.7	7.2	7.9
95°	14.8	14.0	13.2	12.4	11.6	17.7	23.8	29.9	36.0	39.1	39.3
97.5°	14.3	14.0	13.7	13.3	13.0	28.3	43.6	58.9	74.2	81.9	81.4
100°	30.1	54.1	78.1	102.1	126.1	125.5	124.8	124.2	123.5	123.2	123.0
102.5°	170.9	170.6	170.3	169.9	169.6	169.3	169.0	168.7	168.4	168.2	167.9
105°	216.0	216.0	216.0	216.0	216.0	216.0	216.0	216.0	216.0	216.0	215.7
107.5°	264.5	264.3	264.2	264.0	263.8	263.5	263.2	262.9	262.6	262.4	262.4
110°	309.7	310.2	310.7	311.2	311.7	311.4	311.0	310.7	310.4	310.2	310.2

TEST NUMBER: P1034783

CATALOG NUMBER: S125RDIW-B1270D770UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	355.5	356.2	356.8	357.5	358.1	357.9	357.7	357.6	357.4	357.3	357.1
115°	401.9	402.6	403.2	403.9	404.5	404.3	404.1	404.0	403.8	403.7	403.3
117.5°	446.3	447.2	448.2	449.1	450.1	449.5	448.8	448.2	447.5	447.2	447.2
120°	490.9	491.2	491.5	491.9	492.2	491.7	491.2	490.7	490.2	490.0	490.1
122.5°	532.2	532.5	532.8	533.2	533.5	533.3	533.1	533.0	532.8	532.7	532.3
125°	571.5	572.2	572.8	573.5	574.1	574.1	574.1	574.1	574.1	574.1	573.5
127.5°	609.1	609.4	609.7	610.0	610.3	610.5	610.6	610.8	610.9	611.0	610.6
130°	644.6	645.1	645.6	646.0	646.5	646.3	646.2	646.0	645.9	645.8	645.4
132.5°	679.2	679.2	679.2	679.2	679.2	679.7	680.1	680.6	681.1	681.3	680.8
135°	711.3	711.6	711.9	712.2	712.5	712.8	713.1	713.4	713.7	713.9	713.4
137.5°	742.9	742.9	742.9	742.9	742.9	743.2	743.6	743.9	744.2	744.4	743.9
140°	771.7	771.4	771.1	770.8	770.5	770.7	770.8	771.0	771.1	771.2	771.0
142.5°	798.8	798.8	798.8	798.8	798.8	798.5	798.1	797.8	797.5	797.3	797.2
145°	824.7	824.6	824.4	824.3	824.1	824.1	824.1	824.1	824.1	824.1	823.9
147.5°	847.2	847.1	846.9	846.8	846.6	846.4	846.3	846.1	846.0	845.9	845.9
150°	868.9	868.6	868.3	867.9	867.6	867.3	867.0	866.7	866.4	866.2	866.4
152.5°	887.7	887.4	887.1	886.8	886.5	886.2	885.8	885.5	885.2	885.0	885.4
155°	905.1	904.6	904.1	903.6	903.1	902.8	902.5	902.2	901.9	901.7	902.2
157.5°	919.6	919.1	918.6	918.1	917.6	917.6	917.6	917.6	917.6	917.6	917.8
160°	933.3	932.6	932.0	931.3	930.7	930.5	930.3	930.2	930.0	929.9	930.4
162.5°	946.1	945.2	944.2	943.3	942.3	942.1	941.9	941.8	941.6	941.5	942.0
165°	956.3	955.3	954.4	953.4	952.4	952.2	952.1	951.9	951.8	951.7	952.2
167.5°	964.9	963.8	962.7	961.5	960.4	960.2	960.1	959.9	959.8	959.7	960.2
170°	971.4	970.1	968.8	967.5	966.2	966.0	965.9	965.7	965.6	965.5	966.1
172.5°	975.7	974.6	973.5	972.4	971.3	971.0	970.6	970.3	970.0	969.8	970.4
175°	979.4	978.1	976.8	975.5	974.2	974.0	973.8	973.7	973.5	973.4	973.9
177.5°	980.8	979.7	978.6	977.4	976.3	976.1	976.0	975.8	975.7	975.6	976.1
180°	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8

TEST NUMBER: P1034783

CATALOG NUMBER: S125RDIW-B1270D770UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1829.9	1829.9	1829.9	1829.9
2.5°	1787.9	1801.4	1814.9	1831.4
5°	1751.8	1775.9	1801.4	1825.4
7.5°	1712.8	1747.3	1780.4	1814.9
10°	1669.2	1712.8	1750.3	1798.4
12.5°	1621.1	1667.7	1720.3	1774.4
15°	1573.0	1631.6	1687.2	1748.8
17.5°	1528.0	1583.5	1645.1	1718.8
20°	1473.9	1535.5	1604.6	1682.7
22.5°	1416.8	1484.4	1559.5	1643.6
25°	1368.7	1437.8	1509.9	1598.6
27.5°	1316.1	1388.2	1458.8	1553.5
30°	1256.0	1334.1	1406.3	1503.9
32.5°	1198.9	1277.1	1356.7	1448.3
35°	1143.3	1220.0	1299.6	1392.7
37.5°	1090.8	1159.9	1238.0	1322.1
40°	1041.2	1104.3	1173.4	1250.0
42.5°	978.1	1051.7	1116.3	1171.9
45°	924.0	984.1	1044.2	1089.3
47.5°	860.9	921.0	972.1	1008.1
50°	808.3	856.4	898.4	930.0
52.5°	745.2	790.3	824.8	848.9
55°	683.6	722.7	752.7	769.2
57.5°	628.0	653.6	676.1	691.1
60°	566.4	585.9	605.5	622.0
62.5°	500.3	521.3	531.9	549.9
65°	441.7	455.2	471.8	477.8
67.5°	384.6	392.1	402.6	414.7
70°	324.5	329.0	339.5	356.1
72.5°	271.9	276.4	284.0	290.0
75°	216.3	220.9	226.9	232.9
77.5°	169.8	171.3	174.3	180.3
80°	123.2	127.7	130.7	132.2
82.5°	85.6	87.1	87.1	88.6
85°	54.1	51.1	51.1	52.6
87.5°	19.5	22.5	22.5	25.5
90°	4.6	3.3	2.0	0.7
92.5°	9.4	10.9	12.3	13.8
95°	39.8	40.3	40.8	41.3
97.5°	80.5	79.5	78.6	77.6
100°	122.5	122.0	121.5	121.0
102.5°	167.2	166.6	165.9	165.3
105°	215.0	214.4	213.7	213.1
107.5°	262.4	262.4	262.4	262.4
110°	310.2	310.2	310.2	310.2

TEST NUMBER: P1034783

CATALOG NUMBER: S125RDIW-B1270D770UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	356.6	356.1	355.7	355.2
115°	402.5	401.7	400.9	400.1
117.5°	447.2	447.2	447.2	447.2
120°	490.2	490.4	490.5	490.7
122.5°	531.5	530.7	529.9	529.1
125°	572.4	571.3	570.1	569.0
127.5°	609.8	609.0	608.2	607.4
130°	644.6	643.8	643.0	642.2
132.5°	679.9	678.9	678.0	677.0
135°	712.5	711.5	710.6	709.6
137.5°	742.9	742.0	741.0	740.0
140°	770.7	770.4	770.1	769.8
142.5°	797.1	796.9	796.8	796.6
145°	823.6	823.3	823.0	822.7
147.5°	845.9	845.9	845.9	845.9
150°	866.7	867.0	867.3	867.6
152.5°	886.2	887.0	887.8	888.6
155°	903.1	904.1	905.0	906.0
157.5°	918.3	918.8	919.3	919.8
160°	931.4	932.3	933.3	934.3
162.5°	943.0	943.9	944.9	945.9
165°	953.1	954.1	955.0	956.0
167.5°	961.1	962.1	963.0	964.0
170°	967.2	968.3	969.4	970.5
172.5°	971.5	972.6	973.8	974.9
175°	974.9	975.8	976.8	977.8
177.5°	977.1	978.0	979.0	980.0
180°	977.8	977.8	977.8	977.8

(END OF REPORT)