

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: P1026770

Luminaire Tested: S125DIP-B1270D1270UB2750-4F0-XX-W2A-A_3000K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1026770
REPORT IS A COMBINATION OF REPORTS P1001589 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIP-B1270D1270UB2750-4F0-XX-W2A-A_3000K
Description: Define 5 Direct/Indirect Pendant with 3000K BioUP LEDs {m-DER=0.589} {m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

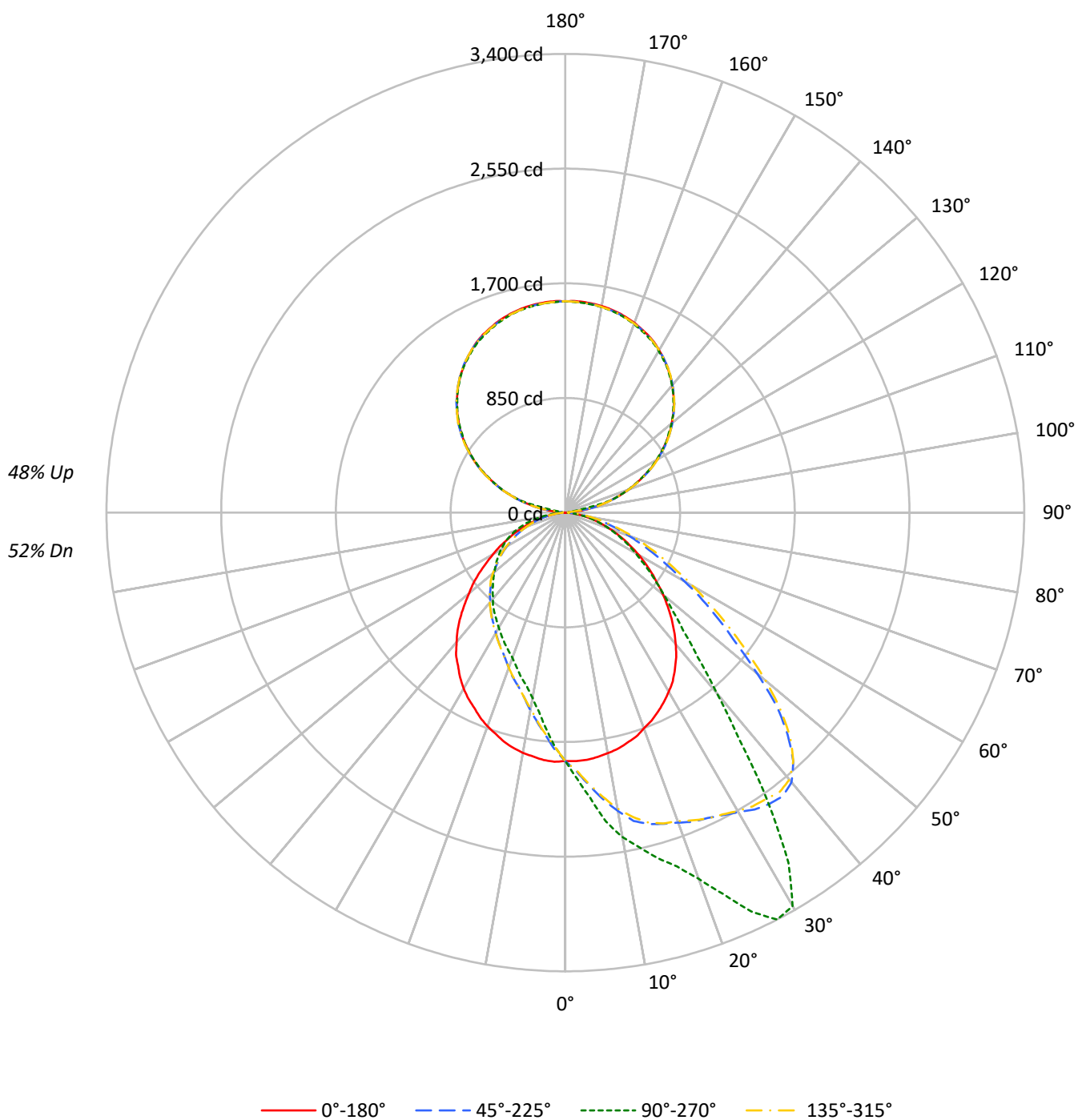
Lumens per Lamp: N/A
Luminaire Lumens: 10009.0 lumens
Efficiency: N/A
Efficacy: 103.9 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: General Diffuse

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				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	108	108	108	108	100	100	100	100	84	84	84	71	71	71	58	58	58
1	98	94	90	87	91	87	84	81	74	72	70	63	61	59	52	50	49
2	90	83	76	71	83	77	71	67	65	62	58	55	52	50	46	44	42
3	82	73	65	60	76	68	61	56	58	53	49	49	45	42	41	38	36
4	75	64	57	51	69	60	53	48	52	46	42	44	40	36	36	33	31
5	69	57	49	43	64	54	46	41	46	41	36	39	35	32	33	30	27
6	64	52	44	38	59	48	41	36	42	36	32	36	31	28	30	26	24
7	59	47	39	33	54	44	36	31	38	32	28	32	28	25	27	24	21
8	55	42	35	29	50	40	33	28	34	29	25	30	25	22	25	22	19
9	51	39	31	26	47	36	29	25	32	26	22	27	23	20	23	20	17
10	47	35	28	23	44	33	27	22	29	24	20	25	21	18	21	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	11793	11793	11793	11793
5°	11802	13378	11812	10149
10°	11730	15249	11710	8712
15°	11644	16534	11572	7872
20°	11497	18118	11391	7186
25°	11367	20759	11159	6780
30°	11179	21901	10985	6412
35°	10882	17556	10653	6117
40°	10419	12134	10265	5806
45°	9834	9034	9724	5546
50°	9165	7437	9014	5338
55°	8443	6343	8376	5158
60°	7734	5429	7600	5018
65°	6970	4689	6858	4814
70°	6163	3893	6081	4460
75°	5307	3011	5237	3871
80°	4191	2036	4039	2846
85°	2682	1019	2590	1450

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 18013 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	177.2	1.8
10°-20°	527.7	5.3
20°-30°	857.1	8.6
30°-40°	1047.5	10.5
40°-50°	950.2	9.5
50°-60°	756.8	7.6
60°-70°	527.1	5.3
70°-80°	280.8	2.8
80°-90°	72.0	0.7
90°-100°	53.2	0.5
100°-110°	353.6	3.5
110°-120°	636.8	6.4
120°-130°	817.3	8.2
130°-140°	879.0	8.8
140°-150°	825.0	8.2
150°-160°	667.3	6.7
160°-170°	431.6	4.3
170°-180°	148.8	1.5
0°-30°	1561.9	15.6
0°-40°	2609.4	26.1
0°-60°	4316.4	43.1
0°-90°	5196.4	51.9
90°-120°	1043.5	10.4
90°-150°	3564.9	35.6
90°-180°	4813.0	48.1
0°-180°	10009.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1841	1841	1841	1841	1841	
5°	1839	2123	1841	1611	1839	175
15°	1767	2652	1756	1262	1767	499
25°	1627	3262	1597	1066	1627	749
35°	1416	2619	1386	912	1416	884
45°	1112	1234	1100	758	1112	857
55°	783	761	777	619	783	700
65°	484	467	477	480	484	481
75°	234	230	231	295	234	249
85°	47	52	45	73	47	56
90°	1	28	1	28	1	7
95°	66	24	66	24	66	81
105°	342	345	342	345	342	362
115°	641	636	641	636	641	636
125°	912	912	912	912	912	814
135°	1137	1132	1137	1132	1137	877
145°	1318	1315	1318	1315	1318	824
155°	1452	1441	1452	1441	1452	669
165°	1532	1524	1532	1524	1532	433
175°	1567	1560	1567	1560	1567	149
180°	1567	1567	1567	1567	1567	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6
2.5°	1843.8	1854.7	1867.2	1876.6	1892.2	1896.9	1904.7	1909.4	1914.1	1918.8	1921.9
5°	1839.1	1865.6	1889.1	1906.3	1935.9	1946.9	1960.9	1978.1	1998.4	2015.6	2026.6
7.5°	1826.6	1868.8	1900.0	1934.4	1975.0	2001.6	2015.6	2051.6	2084.4	2109.4	2142.2
10°	1810.9	1860.9	1909.4	1960.9	2018.8	2048.4	2076.6	2126.6	2171.9	2212.5	2245.3
12.5°	1793.8	1854.7	1912.5	1979.7	2057.8	2093.8	2112.5	2198.4	2254.7	2276.6	2340.6
15°	1767.2	1839.1	1921.9	2004.7	2070.3	2112.5	2164.1	2232.8	2289.1	2337.5	2389.1
17.5°	1742.2	1820.3	1904.7	1996.9	2092.2	2146.9	2185.9	2246.9	2307.8	2370.3	2418.8
20°	1701.6	1803.1	1889.1	1987.5	2100.0	2139.1	2179.7	2251.6	2317.2	2384.4	2445.3
22.5°	1668.8	1765.6	1882.8	1976.6	2071.9	2110.9	2160.9	2235.9	2314.1	2390.6	2479.7
25°	1626.6	1734.4	1835.9	1935.9	2034.4	2076.6	2121.9	2218.8	2300.0	2398.4	2496.9
27.5°	1581.3	1692.2	1793.8	1884.4	1976.6	2034.4	2082.8	2184.4	2292.2	2400.0	2528.1
30°	1532.8	1637.5	1734.4	1823.4	1925.0	1984.4	2032.8	2151.6	2271.9	2409.4	2562.5
32.5°	1481.3	1579.7	1662.5	1753.1	1860.9	1915.6	1981.3	2110.9	2253.1	2417.2	2609.4
35°	1415.6	1509.4	1582.8	1675.0	1782.8	1853.1	1921.9	2067.2	2232.8	2415.6	2635.9
37.5°	1350.0	1423.4	1493.8	1592.2	1717.2	1781.3	1853.1	2012.5	2201.6	2410.9	2646.9
40°	1271.9	1343.8	1404.7	1504.7	1635.9	1709.4	1784.4	1951.6	2165.6	2393.8	2607.8
42.5°	1193.8	1254.7	1321.9	1426.6	1553.1	1631.3	1710.9	1896.9	2118.8	2343.8	2500.0
45°	1112.5	1159.4	1232.8	1328.1	1462.5	1537.5	1628.1	1829.7	2053.1	2253.1	2331.3
47.5°	1028.1	1075.0	1143.8	1235.9	1368.8	1457.8	1543.8	1745.3	1970.3	2125.0	2125.0
50°	946.9	984.4	1051.6	1143.8	1278.1	1359.4	1446.9	1660.9	1842.2	1956.3	1854.7
52.5°	859.4	901.6	957.8	1054.7	1187.5	1260.9	1356.3	1539.1	1710.9	1757.8	1601.6
55°	782.8	817.2	870.3	962.5	1085.9	1162.5	1243.8	1418.8	1564.1	1560.9	1393.8
57.5°	703.1	731.3	787.5	871.9	985.9	1054.7	1135.9	1287.5	1406.3	1364.1	1206.3
60°	629.7	650.0	704.7	773.4	882.8	946.9	1025.0	1148.4	1239.1	1179.7	1020.3
62.5°	553.1	576.6	620.3	687.5	784.4	835.9	893.8	1018.8	1076.6	1023.4	860.9
65°	484.4	503.1	542.2	598.4	685.9	732.8	782.8	885.9	940.6	864.1	729.7
67.5°	415.6	437.5	465.6	515.6	584.4	628.1	671.9	760.9	785.9	717.2	604.7
70°	351.6	370.3	396.9	432.8	490.6	529.7	562.5	635.9	653.1	589.1	500.0
72.5°	289.1	301.6	323.4	353.1	406.3	428.1	462.5	512.5	534.4	476.6	412.5
75°	234.4	243.8	257.8	279.7	315.6	339.1	367.2	414.1	412.5	371.9	326.6
77.5°	181.3	182.8	198.4	218.8	240.6	260.9	275.0	307.8	310.9	285.9	248.4
80°	129.7	134.4	140.6	156.3	175.0	182.8	200.0	220.3	223.4	204.7	179.7
82.5°	82.8	85.9	90.6	100.0	112.5	121.9	131.3	139.1	146.9	135.9	115.6
85°	46.9	48.4	53.1	56.3	62.5	67.2	75.0	82.8	81.3	73.4	67.2
87.5°	23.4	23.4	23.4	26.6	29.7	29.7	32.8	34.4	35.9	32.8	29.7
90°	1.2	3.3	5.3	7.4	9.5	10.5	11.4	13.2	15.0	16.8	18.6
92.5°	22.1	19.8	17.4	15.1	12.8	11.6	12.4	13.9	15.5	17.0	18.6
95°	66.2	65.4	64.6	63.9	63.1	62.7	57.8	48.0	38.2	28.4	18.6
97.5°	124.3	125.8	127.4	128.9	130.4	131.2	118.9	94.4	69.9	45.4	20.9
100°	194.0	194.8	195.5	196.3	197.0	197.4	197.9	199.0	200.0	201.1	202.1
102.5°	264.8	265.8	266.8	267.9	268.9	269.4	269.7	270.2	270.7	271.3	271.8
105°	341.5	342.5	343.5	344.6	345.6	346.1	346.1	346.1	346.1	346.1	346.1
107.5°	420.4	420.4	420.4	420.4	420.4	420.4	420.7	421.2	421.7	422.3	422.8
110°	497.1	497.1	497.1	497.1	497.1	497.1	497.4	497.9	498.4	498.9	499.4

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	569.1	569.9	570.7	571.4	572.2	572.6	572.7	573.0	573.2	573.5	573.7
115°	641.1	642.4	643.7	645.0	646.3	646.9	647.0	647.3	647.6	647.8	648.1
117.5°	716.6	716.6	716.6	716.6	716.6	716.6	717.1	718.1	719.2	720.2	721.2
120°	786.3	786.0	785.8	785.5	785.2	785.1	785.5	786.3	787.0	787.8	788.6
122.5°	847.8	849.1	850.4	851.7	853.0	853.6	853.7	854.0	854.3	854.5	854.8
125°	911.7	913.5	915.3	917.1	918.9	919.8	919.8	919.8	919.8	919.8	919.8
127.5°	973.3	974.6	975.9	977.2	978.5	979.1	979.0	978.7	978.4	978.2	977.9
130°	1029.0	1030.3	1031.6	1032.9	1034.2	1034.8	1034.9	1035.2	1035.5	1035.7	1036.0
132.5°	1084.8	1086.3	1087.9	1089.4	1090.9	1091.7	1091.3	1090.5	1089.8	1089.0	1088.2
135°	1137.0	1138.6	1140.1	1141.7	1143.2	1144.0	1143.7	1143.2	1142.7	1142.2	1141.7
137.5°	1185.8	1187.4	1188.9	1190.5	1192.0	1192.8	1192.5	1192.0	1191.5	1190.9	1190.4
140°	1233.4	1233.9	1234.4	1234.9	1235.4	1235.7	1235.6	1235.3	1235.1	1234.8	1234.6
142.5°	1276.4	1276.6	1276.9	1277.1	1277.4	1277.5	1277.8	1278.3	1278.8	1279.4	1279.9
145°	1318.2	1318.7	1319.2	1319.7	1320.2	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5
147.5°	1355.4	1355.4	1355.4	1355.4	1355.4	1355.4	1355.5	1355.8	1356.0	1356.3	1356.5
150°	1390.2	1389.7	1389.2	1388.7	1388.2	1387.9	1388.2	1388.7	1389.2	1389.7	1390.2
152.5°	1423.9	1422.6	1421.3	1420.0	1418.7	1418.1	1418.4	1418.9	1419.4	1419.9	1420.4
155°	1451.8	1450.2	1448.7	1447.1	1445.6	1444.8	1445.1	1445.6	1446.1	1446.6	1447.1
157.5°	1473.8	1473.0	1472.2	1471.5	1470.7	1470.3	1470.3	1470.3	1470.3	1470.3	1470.3
160°	1497.0	1495.5	1493.9	1492.4	1490.9	1490.1	1490.2	1490.5	1490.7	1491.0	1491.2
162.5°	1515.6	1514.1	1512.5	1511.0	1509.5	1508.7	1508.8	1509.1	1509.3	1509.6	1509.8
165°	1531.9	1530.3	1528.8	1527.2	1525.7	1524.9	1525.0	1525.3	1525.6	1525.8	1526.1
167.5°	1544.7	1543.1	1541.6	1540.0	1538.5	1537.7	1537.8	1538.1	1538.4	1538.6	1538.9
170°	1555.1	1553.3	1551.5	1549.7	1547.9	1547.0	1547.1	1547.4	1547.7	1547.9	1548.2
172.5°	1562.1	1560.3	1558.5	1556.7	1554.9	1554.0	1554.3	1554.8	1555.3	1555.8	1556.3
175°	1566.7	1565.2	1563.6	1562.1	1560.6	1559.8	1559.9	1560.2	1560.4	1560.7	1560.9
177.5°	1570.2	1568.6	1567.1	1565.5	1564.0	1563.2	1563.3	1563.6	1563.9	1564.1	1564.4
180°	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6
2.5°	1925.0	1935.9	1945.3	1953.1	1959.4	1968.8	1962.5	1964.1	1967.2	1973.4	1973.4
5°	2050.0	2067.2	2076.6	2107.8	2115.6	2114.1	2109.4	2134.4	2132.8	2123.4	2121.9
7.5°	2171.9	2201.6	2228.1	2253.1	2260.9	2281.3	2285.9	2296.9	2293.8	2309.4	2301.6
10°	2282.8	2329.7	2354.7	2392.2	2401.6	2410.9	2423.4	2429.7	2443.8	2442.2	2442.2
12.5°	2368.8	2425.0	2457.8	2467.2	2503.1	2514.1	2525.0	2545.3	2540.6	2542.2	2551.6
15°	2435.9	2490.6	2518.8	2562.5	2587.5	2600.0	2618.8	2640.6	2637.5	2651.6	2648.4
17.5°	2485.9	2537.5	2589.1	2654.7	2656.3	2689.1	2732.8	2742.2	2762.5	2748.4	2748.4
20°	2526.6	2595.3	2668.8	2753.1	2762.5	2782.8	2835.9	2871.9	2895.3	2887.5	2892.2
22.5°	2570.3	2668.8	2754.7	2839.1	2884.4	2920.3	2971.9	3028.1	3048.5	3061.0	3057.8
25°	2626.6	2729.7	2856.3	2973.5	3020.3	3089.1	3157.8	3212.5	3228.1	3262.5	3231.3
27.5°	2684.4	2829.7	2987.5	3125.0	3184.4	3240.6	3323.5	3364.1	3384.4	3400.0	3389.1
30°	2732.8	2932.8	3104.7	3231.3	3273.5	3306.3	3353.1	3362.5	3354.7	3367.2	3382.8
32.5°	2807.8	3003.1	3148.5	3209.4	3204.7	3203.1	3167.2	3117.2	3106.3	3076.6	3117.2
35°	2848.4	3004.7	3061.0	2979.7	2946.9	2887.5	2773.4	2698.4	2632.8	2618.8	2621.9
37.5°	2825.0	2886.0	2818.8	2604.7	2551.6	2460.9	2309.4	2203.1	2154.7	2117.2	2165.6
40°	2698.4	2631.3	2446.9	2185.9	2109.4	2023.4	1881.3	1823.4	1754.7	1740.6	1804.7
42.5°	2489.1	2284.4	2023.4	1821.9	1742.2	1693.8	1575.0	1520.3	1471.9	1450.0	1485.9
45°	2204.7	1956.3	1693.8	1528.1	1460.9	1403.1	1332.8	1275.0	1243.8	1234.4	1264.1
47.5°	1910.9	1648.4	1439.1	1315.6	1245.3	1201.6	1135.9	1103.1	1078.1	1081.3	1085.9
50°	1629.7	1390.6	1229.7	1106.3	1071.9	1037.5	993.8	965.6	953.1	957.8	954.7
52.5°	1387.5	1193.8	1057.8	962.5	946.9	914.1	878.1	854.7	850.0	851.6	856.3
55°	1175.0	1023.4	915.6	846.9	829.7	806.3	784.4	768.8	756.3	760.9	759.4
57.5°	1014.1	881.3	798.4	742.2	729.7	715.6	695.3	687.5	682.8	673.4	681.3
60°	871.9	764.1	692.2	657.8	646.9	637.5	615.6	606.3	603.1	598.4	610.9
62.5°	737.5	660.9	606.3	575.0	564.1	554.7	543.8	535.9	537.5	531.3	537.5
65°	631.3	568.8	529.7	501.6	487.5	481.3	479.7	467.2	465.6	467.2	468.8
67.5°	532.8	479.7	450.0	432.8	421.9	415.6	410.9	403.1	409.4	404.7	407.8
70°	443.8	407.8	376.6	359.4	354.7	356.3	348.4	345.3	346.9	343.8	346.9
72.5°	357.8	328.1	315.6	303.1	296.9	295.3	290.6	285.9	290.6	289.1	289.1
75°	285.9	264.1	250.0	242.2	242.2	239.1	231.3	231.3	231.3	229.7	231.3
77.5°	220.3	201.6	195.3	187.5	187.5	182.8	181.3	181.3	178.1	182.8	179.7
80°	164.1	150.0	140.6	135.9	135.9	134.4	131.3	129.7	131.3	129.7	129.7
82.5°	106.3	100.0	95.3	90.6	89.1	90.6	89.1	85.9	87.5	85.9	89.1
85°	60.9	54.7	54.7	51.6	53.1	50.0	51.6	48.4	46.9	51.6	48.4
87.5°	26.6	25.0	25.0	21.9	21.9	21.9	20.3	21.9	20.3	18.8	20.3
90°	19.9	21.2	22.5	23.8	24.4	24.8	25.6	26.3	27.1	27.9	27.1
92.5°	19.9	21.2	22.5	23.8	24.4	24.5	24.8	25.1	25.3	25.6	25.3
95°	19.9	21.2	22.5	23.8	24.4	24.4	24.4	24.4	24.4	24.4	24.4
97.5°	21.4	21.9	22.4	22.9	23.2	23.3	23.6	23.9	24.1	24.4	24.1
100°	163.6	125.2	86.7	48.2	29.0	28.5	27.5	26.4	25.4	24.4	25.4
102.5°	272.3	272.8	273.3	273.8	274.1	263.3	241.6	219.9	198.2	176.5	198.2
105°	346.1	346.1	346.1	346.1	346.1	346.0	345.7	345.4	345.2	344.9	345.2
107.5°	423.0	423.3	423.5	423.8	423.9	423.4	422.4	421.3	420.3	419.3	420.3
110°	498.6	497.8	497.1	496.3	495.9	496.0	496.3	496.6	496.8	497.1	496.8

TEST NUMBER: P1026770

CATALOG NUMBER: S125DIP-B1270D1270UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	572.7	571.7	570.6	569.6	569.1	568.8	568.3	567.8	567.3	566.8	567.3
115°	647.1	646.0	645.0	643.9	643.4	642.6	641.1	639.5	638.0	636.4	638.0
117.5°	719.7	718.1	716.6	715.1	714.3	714.0	713.5	713.0	712.4	711.9	712.4
120°	788.1	787.6	787.1	786.6	786.3	785.7	784.4	783.1	781.8	780.5	781.8
122.5°	854.3	853.8	853.3	852.8	852.5	851.7	850.2	848.6	847.1	845.5	847.1
125°	918.8	917.8	916.7	915.7	915.2	914.8	914.0	913.3	912.5	911.7	912.5
127.5°	977.4	976.9	976.4	975.9	975.6	974.6	972.5	970.4	968.4	966.3	968.4
130°	1035.2	1034.4	1033.7	1032.9	1032.5	1031.9	1030.6	1029.3	1028.0	1026.7	1028.0
132.5°	1088.2	1088.2	1088.2	1088.2	1088.2	1087.6	1086.3	1085.0	1083.7	1082.4	1083.7
135°	1141.2	1140.6	1140.1	1139.6	1139.3	1138.5	1137.0	1135.5	1133.9	1132.4	1133.9
137.5°	1190.4	1190.4	1190.4	1190.4	1190.4	1189.8	1188.5	1187.2	1185.9	1184.6	1185.9
140°	1235.1	1235.6	1236.1	1236.6	1236.9	1236.1	1234.6	1233.0	1231.5	1229.9	1231.5
142.5°	1279.9	1279.9	1279.9	1279.9	1279.9	1279.1	1277.6	1276.0	1274.5	1272.9	1274.5
145°	1320.8	1321.0	1321.3	1321.6	1321.7	1320.9	1319.4	1317.8	1316.3	1314.7	1316.3
147.5°	1356.8	1357.0	1357.3	1357.6	1357.7	1356.8	1355.0	1353.2	1351.4	1349.6	1351.4
150°	1390.7	1391.2	1391.7	1392.2	1392.5	1391.5	1389.4	1387.3	1385.3	1383.2	1385.3
152.5°	1420.9	1421.4	1421.9	1422.4	1422.7	1421.8	1420.0	1418.2	1416.4	1414.6	1416.4
155°	1447.9	1448.7	1449.4	1450.2	1450.6	1449.6	1447.5	1445.4	1443.4	1441.3	1443.4
157.5°	1471.1	1471.9	1472.6	1473.4	1473.8	1472.8	1470.7	1468.6	1466.6	1464.5	1466.6
160°	1492.2	1493.3	1494.3	1495.4	1495.9	1494.9	1492.8	1490.7	1488.7	1486.6	1488.7
162.5°	1511.4	1512.9	1514.5	1516.0	1516.8	1515.6	1513.3	1511.0	1508.6	1506.3	1508.6
165°	1527.7	1529.2	1530.8	1532.3	1533.1	1532.1	1530.0	1527.9	1525.9	1523.8	1525.9
167.5°	1540.7	1542.5	1544.3	1546.1	1547.0	1545.8	1543.5	1541.2	1538.8	1536.5	1538.8
170°	1550.2	1552.3	1554.3	1556.4	1557.4	1556.2	1553.9	1551.6	1549.3	1547.0	1549.3
172.5°	1558.1	1559.9	1561.7	1563.5	1564.4	1563.2	1560.9	1558.6	1556.3	1554.0	1556.3
175°	1563.0	1565.0	1567.1	1569.2	1570.2	1569.0	1566.7	1564.4	1562.1	1559.8	1562.1
177.5°	1566.2	1568.0	1569.8	1571.6	1572.5	1571.5	1569.4	1567.3	1565.3	1563.2	1565.3
180°	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6
2.5°	1970.3	1959.4	1962.5	1959.4	1951.6	1946.9	1934.4	1918.8	1912.5	1904.7	1900.0
5°	2128.1	2120.3	2118.8	2106.3	2103.1	2084.4	2053.1	2037.5	2018.8	2000.0	1981.3
7.5°	2300.0	2290.6	2259.4	2254.7	2257.8	2234.4	2193.8	2162.5	2123.4	2096.9	2060.9
10°	2442.2	2423.4	2396.9	2398.4	2387.5	2356.3	2315.6	2282.8	2226.6	2192.2	2140.6
12.5°	2528.1	2512.5	2509.4	2493.8	2484.4	2443.8	2395.3	2353.1	2310.9	2264.1	2225.0
15°	2632.8	2612.5	2598.4	2576.6	2570.3	2528.1	2475.0	2426.6	2378.1	2334.4	2251.6
17.5°	2748.4	2726.6	2673.4	2668.8	2631.3	2590.6	2539.1	2467.2	2415.6	2353.1	2292.2
20°	2879.7	2848.4	2779.7	2762.5	2732.8	2665.6	2595.3	2515.6	2432.8	2368.8	2296.9
22.5°	3026.6	2971.9	2921.9	2867.2	2845.3	2762.5	2665.6	2568.8	2468.8	2381.3	2295.3
25°	3217.2	3145.3	3075.0	3020.3	2982.8	2875.0	2745.3	2617.2	2501.6	2387.5	2275.0
27.5°	3367.2	3304.7	3228.1	3156.3	3107.8	2979.7	2831.3	2665.6	2521.9	2382.8	2262.5
30°	3378.1	3359.4	3312.5	3273.5	3220.3	3082.8	2918.8	2731.3	2553.1	2384.4	2237.5
32.5°	3173.5	3211.0	3231.3	3237.5	3226.6	3146.9	2996.9	2790.6	2581.3	2370.3	2215.6
35°	2732.8	2832.8	2956.3	3003.1	3048.5	3090.6	3012.5	2832.8	2590.6	2367.2	2181.3
37.5°	2250.0	2340.6	2545.3	2639.1	2692.2	2859.4	2923.5	2826.6	2609.4	2370.3	2148.4
40°	1815.6	1959.4	2106.3	2232.8	2315.6	2503.1	2701.6	2723.4	2582.8	2340.6	2106.3
42.5°	1528.1	1612.5	1723.4	1840.6	1914.1	2135.9	2404.7	2562.5	2500.0	2292.2	2054.7
45°	1301.6	1364.1	1468.8	1507.8	1601.6	1814.1	2098.4	2326.6	2357.8	2215.6	1995.3
47.5°	1117.2	1170.3	1237.5	1285.9	1360.9	1520.3	1760.9	2012.5	2162.5	2110.9	1912.5
50°	984.4	1028.1	1084.4	1112.5	1160.9	1304.7	1485.9	1735.9	1937.5	1954.7	1804.7
52.5°	873.4	898.4	942.2	973.4	1012.5	1100.0	1264.1	1470.3	1696.9	1790.6	1671.9
55°	776.6	796.9	835.9	856.3	876.6	951.6	1079.7	1267.2	1479.7	1603.1	1535.9
57.5°	689.1	706.3	739.1	757.8	768.8	840.6	939.1	1085.9	1276.6	1426.6	1389.1
60°	617.2	632.8	651.6	665.6	678.1	737.5	806.3	925.0	1095.3	1240.6	1231.3
62.5°	540.6	554.7	575.0	589.1	600.0	637.5	695.3	785.9	931.3	1065.6	1092.2
65°	473.4	484.4	498.4	504.7	518.8	546.9	593.8	675.0	793.8	914.1	932.8
67.5°	412.5	415.6	425.0	439.1	442.2	467.2	509.4	570.3	662.5	760.9	790.6
70°	346.9	351.6	359.4	370.3	376.6	392.2	428.1	468.8	548.4	634.4	656.3
72.5°	289.1	295.3	298.4	304.7	307.8	332.8	348.4	389.1	443.8	515.6	539.1
75°	234.4	240.6	242.2	245.3	248.4	259.4	281.3	306.3	351.6	398.4	429.7
77.5°	185.9	184.4	187.5	192.2	190.6	200.0	214.1	235.9	265.6	304.7	325.0
80°	131.3	131.3	135.9	140.6	139.1	148.4	153.1	168.8	193.8	218.8	226.6
82.5°	87.5	87.5	92.2	92.2	95.3	96.9	103.1	110.9	131.3	143.8	148.4
85°	50.0	50.0	51.6	51.6	51.6	54.7	59.4	62.5	68.8	76.6	79.7
87.5°	20.3	21.9	21.9	21.9	21.9	25.0	25.0	28.1	29.7	32.8	32.8
90°	26.3	25.6	24.8	24.4	23.8	22.5	21.2	19.9	18.6	16.8	15.0
92.5°	25.1	24.8	24.5	24.4	23.8	22.5	21.2	19.9	18.6	17.0	15.5
95°	24.4	24.4	24.4	24.4	23.8	22.5	21.2	19.9	18.6	28.4	38.2
97.5°	23.9	23.6	23.3	23.2	22.9	22.4	21.9	21.4	20.9	45.4	69.9
100°	26.4	27.5	28.5	29.0	48.2	86.7	125.2	163.6	202.1	201.1	200.0
102.5°	219.9	241.6	263.3	274.1	273.8	273.3	272.8	272.3	271.8	271.3	270.7
105°	345.4	345.7	346.0	346.1	346.1	346.1	346.1	346.1	346.1	346.1	346.1
107.5°	421.3	422.4	423.4	423.9	423.8	423.5	423.3	423.0	422.8	422.3	421.7
110°	496.6	496.3	496.0	495.9	496.3	497.1	497.8	498.6	499.4	498.9	498.4

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CATALOG NUMBER: S125DIP-B1270D1270UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	567.8	568.3	568.8	569.1	569.6	570.6	571.7	572.7	573.7	573.5	573.2
115°	639.5	641.1	642.6	643.4	643.9	645.0	646.0	647.1	648.1	647.8	647.6
117.5°	713.0	713.5	714.0	714.3	715.1	716.6	718.1	719.7	721.2	720.2	719.2
120°	783.1	784.4	785.7	786.3	786.6	787.1	787.6	788.1	788.6	787.8	787.0
122.5°	848.6	850.2	851.7	852.5	852.8	853.3	853.8	854.3	854.8	854.5	854.3
125°	913.3	914.0	914.8	915.2	915.7	916.7	917.8	918.8	919.8	919.8	919.8
127.5°	970.4	972.5	974.6	975.6	975.9	976.4	976.9	977.4	977.9	978.2	978.4
130°	1029.3	1030.6	1031.9	1032.5	1032.9	1033.7	1034.4	1035.2	1036.0	1035.7	1035.5
132.5°	1085.0	1086.3	1087.6	1088.2	1088.2	1088.2	1088.2	1088.2	1088.2	1089.0	1089.8
135°	1135.5	1137.0	1138.5	1139.3	1139.6	1140.1	1140.6	1141.2	1141.7	1142.2	1142.7
137.5°	1187.2	1188.5	1189.8	1190.4	1190.4	1190.4	1190.4	1190.4	1190.4	1190.9	1191.5
140°	1233.0	1234.6	1236.1	1236.9	1236.6	1236.1	1235.6	1235.1	1234.6	1234.8	1235.1
142.5°	1276.0	1277.6	1279.1	1279.9	1279.9	1279.9	1279.9	1279.9	1279.9	1279.4	1278.8
145°	1317.8	1319.4	1320.9	1321.7	1321.6	1321.3	1321.0	1320.8	1320.5	1320.5	1320.5
147.5°	1353.2	1355.0	1356.8	1357.7	1357.6	1357.3	1357.0	1356.8	1356.5	1356.3	1356.0
150°	1387.3	1389.4	1391.5	1392.5	1392.2	1391.7	1391.2	1390.7	1390.2	1389.7	1389.2
152.5°	1418.2	1420.0	1421.8	1422.7	1422.4	1421.9	1421.4	1420.9	1420.4	1419.9	1419.4
155°	1445.4	1447.5	1449.6	1450.6	1450.2	1449.4	1448.7	1447.9	1447.1	1446.6	1446.1
157.5°	1468.6	1470.7	1472.8	1473.8	1473.4	1472.6	1471.9	1471.1	1470.3	1470.3	1470.3
160°	1490.7	1492.8	1494.9	1495.9	1495.4	1494.3	1493.3	1492.2	1491.2	1491.0	1490.7
162.5°	1511.0	1513.3	1515.6	1516.8	1516.0	1514.5	1512.9	1511.4	1509.8	1509.6	1509.3
165°	1527.9	1530.0	1532.1	1533.1	1532.3	1530.8	1529.2	1527.7	1526.1	1525.8	1525.6
167.5°	1541.2	1543.5	1545.8	1547.0	1546.1	1544.3	1542.5	1540.7	1538.9	1538.6	1538.4
170°	1551.6	1553.9	1556.2	1557.4	1556.4	1554.3	1552.3	1550.2	1548.2	1547.9	1547.7
172.5°	1558.6	1560.9	1563.2	1564.4	1563.5	1561.7	1559.9	1558.1	1556.3	1555.8	1555.3
175°	1564.4	1566.7	1569.0	1570.2	1569.2	1567.1	1565.0	1563.0	1560.9	1560.7	1560.4
177.5°	1567.3	1569.4	1571.5	1572.5	1571.6	1569.8	1568.0	1566.2	1564.4	1564.1	1563.9
180°	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7

TEST NUMBER: P1026770

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6
2.5°	1893.8	1885.9	1876.6	1876.6	1865.6	1860.9	1851.6	1848.4	1840.6	1828.1	1818.8
5°	1960.9	1940.6	1928.1	1917.2	1893.8	1876.6	1859.4	1840.6	1821.9	1800.0	1775.0
7.5°	2026.6	1989.1	1971.9	1953.1	1918.8	1882.8	1848.4	1823.4	1798.4	1764.1	1732.8
10°	2095.3	2048.4	2017.2	1992.2	1939.1	1893.8	1843.8	1807.8	1768.8	1725.0	1684.4
12.5°	2153.1	2092.2	2065.6	2018.8	1957.8	1903.1	1840.6	1785.9	1734.4	1682.8	1632.8
15°	2201.6	2143.8	2078.1	2059.4	1975.0	1896.9	1826.6	1756.3	1692.2	1640.6	1582.8
17.5°	2217.2	2143.8	2110.9	2065.6	1965.6	1884.4	1795.3	1718.8	1657.8	1581.3	1535.9
20°	2221.9	2151.6	2106.3	2064.1	1975.0	1867.2	1779.7	1685.9	1612.5	1535.9	1464.1
22.5°	2209.4	2126.6	2082.8	2042.2	1942.2	1850.0	1748.4	1645.3	1559.4	1489.1	1417.2
25°	2185.9	2089.1	2046.9	2003.1	1907.8	1806.3	1695.3	1596.9	1517.2	1432.8	1362.5
27.5°	2154.7	2043.8	1995.3	1950.0	1856.3	1760.9	1656.3	1554.7	1465.6	1376.6	1310.9
30°	2115.6	1987.5	1943.8	1884.4	1793.8	1703.1	1607.8	1506.3	1406.3	1321.9	1250.0
32.5°	2065.6	1931.3	1873.4	1817.2	1718.8	1635.9	1545.3	1450.0	1353.1	1270.3	1195.3
35°	2020.3	1867.2	1803.1	1746.9	1637.5	1550.0	1475.0	1385.9	1300.0	1214.1	1146.9
37.5°	1959.4	1803.1	1726.6	1668.8	1557.8	1468.8	1398.4	1329.7	1239.1	1156.3	1093.8
40°	1895.3	1723.4	1651.6	1593.8	1478.1	1381.3	1314.1	1253.1	1179.7	1103.1	1037.5
42.5°	1837.5	1646.9	1570.3	1500.0	1382.8	1296.9	1228.1	1181.3	1114.1	1045.3	985.9
45°	1764.1	1565.6	1482.8	1409.4	1296.9	1203.1	1137.5	1100.0	1050.0	982.8	931.3
47.5°	1689.1	1478.1	1392.2	1320.3	1198.4	1115.6	1051.6	1015.6	981.3	928.1	876.6
50°	1590.6	1385.9	1307.8	1225.0	1104.7	1020.3	967.2	931.3	904.7	867.2	823.4
52.5°	1482.8	1290.6	1206.3	1134.4	1015.6	939.1	878.1	857.8	831.3	803.1	765.6
55°	1368.8	1187.5	1106.3	1035.9	926.6	848.4	798.4	776.6	756.3	734.4	709.4
57.5°	1254.7	1079.7	1003.1	940.6	839.1	764.1	723.4	693.8	679.7	667.2	646.9
60°	1112.5	964.1	904.7	848.4	748.4	679.7	640.6	618.8	606.3	600.0	590.6
62.5°	987.5	865.6	800.0	745.3	665.6	604.7	567.2	550.0	539.1	535.9	525.0
65°	854.7	750.0	698.4	651.6	582.8	528.1	496.9	476.6	468.8	467.2	467.2
67.5°	729.7	645.3	593.8	560.9	501.6	453.1	423.4	415.6	410.9	404.7	403.1
70°	612.5	545.3	500.0	471.9	418.8	382.8	359.4	346.9	346.9	342.2	339.1
72.5°	509.4	442.2	412.5	389.1	345.3	314.1	296.9	293.8	282.8	281.3	281.3
75°	398.4	348.4	328.1	307.8	275.0	253.1	239.1	231.3	225.0	225.0	226.6
77.5°	300.0	265.6	246.9	231.3	207.8	193.8	182.8	179.7	173.4	173.4	173.4
80°	212.5	193.8	179.7	167.2	150.0	137.5	131.3	125.0	125.0	123.4	125.0
82.5°	137.5	121.9	114.1	112.5	96.9	92.2	84.4	85.9	81.3	79.7	82.8
85°	79.7	71.9	62.5	59.4	53.1	46.9	43.8	45.3	43.8	42.2	43.8
87.5°	31.3	26.6	25.0	25.0	20.3	18.8	17.2	18.8	15.6	15.6	17.2
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°	13.9	12.4	11.6	12.8	15.1	17.4	19.8	22.1	19.8	17.4	15.1
95°	48.0	57.8	62.7	63.1	63.9	64.6	65.4	66.2	65.4	64.6	63.9
97.5°	94.4	118.9	131.2	130.4	128.9	127.4	125.8	124.3	125.8	127.4	128.9
100°	199.0	197.9	197.4	197.0	196.3	195.5	194.8	194.0	194.8	195.5	196.3
102.5°	270.2	269.7	269.4	268.9	267.9	266.8	265.8	264.8	265.8	266.8	267.9
105°	346.1	346.1	346.1	345.6	344.6	343.5	342.5	341.5	342.5	343.5	344.6
107.5°	421.2	420.7	420.4	420.4	420.4	420.4	420.4	420.4	420.4	420.4	420.4
110°	497.9	497.4	497.1	497.1	497.1	497.1	497.1	497.1	497.1	497.1	497.1

TEST NUMBER: P1026770

CATALOG NUMBER: S125DIP-B1270D1270UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	573.0	572.7	572.6	572.2	571.4	570.7	569.9	569.1	569.9	570.7	571.4
115°	647.3	647.0	646.9	646.3	645.0	643.7	642.4	641.1	642.4	643.7	645.0
117.5°	718.1	717.1	716.6	716.6	716.6	716.6	716.6	716.6	716.6	716.6	716.6
120°	786.3	785.5	785.1	785.2	785.5	785.8	786.0	786.3	786.0	785.8	785.5
122.5°	854.0	853.7	853.6	853.0	851.7	850.4	849.1	847.8	849.1	850.4	851.7
125°	919.8	919.8	919.8	918.9	917.1	915.3	913.5	911.7	913.5	915.3	917.1
127.5°	978.7	979.0	979.1	978.5	977.2	975.9	974.6	973.3	974.6	975.9	977.2
130°	1035.2	1034.9	1034.8	1034.2	1032.9	1031.6	1030.3	1029.0	1030.3	1031.6	1032.9
132.5°	1090.5	1091.3	1091.7	1090.9	1089.4	1087.9	1086.3	1084.8	1086.3	1087.9	1089.4
135°	1143.2	1143.7	1144.0	1143.2	1141.7	1140.1	1138.6	1137.0	1138.6	1140.1	1141.7
137.5°	1192.0	1192.5	1192.8	1192.0	1190.5	1188.9	1187.4	1185.8	1187.4	1188.9	1190.5
140°	1235.3	1235.6	1235.7	1235.4	1234.9	1234.4	1233.9	1233.4	1233.9	1234.4	1234.9
142.5°	1278.3	1277.8	1277.5	1277.4	1277.1	1276.9	1276.6	1276.4	1276.6	1276.9	1277.1
145°	1320.5	1320.5	1320.5	1320.2	1319.7	1319.2	1318.7	1318.2	1318.7	1319.2	1319.7
147.5°	1355.8	1355.5	1355.4	1355.4	1355.4	1355.4	1355.4	1355.4	1355.4	1355.4	1355.4
150°	1388.7	1388.2	1387.9	1388.2	1388.7	1389.2	1389.7	1390.2	1389.7	1389.2	1388.7
152.5°	1418.9	1418.4	1418.1	1418.7	1420.0	1421.3	1422.6	1423.9	1422.6	1421.3	1420.0
155°	1445.6	1445.1	1444.8	1445.6	1447.1	1448.7	1450.2	1451.8	1450.2	1448.7	1447.1
157.5°	1470.3	1470.3	1470.3	1470.7	1471.5	1472.2	1473.0	1473.8	1473.0	1472.2	1471.5
160°	1490.5	1490.2	1490.1	1490.9	1492.4	1493.9	1495.5	1497.0	1495.5	1493.9	1492.4
162.5°	1509.1	1508.8	1508.7	1509.5	1511.0	1512.5	1514.1	1515.6	1514.1	1512.5	1511.0
165°	1525.3	1525.0	1524.9	1525.7	1527.2	1528.8	1530.3	1531.9	1530.3	1528.8	1527.2
167.5°	1538.1	1537.8	1537.7	1538.5	1540.0	1541.6	1543.1	1544.7	1543.1	1541.6	1540.0
170°	1547.4	1547.1	1547.0	1547.9	1549.7	1551.5	1553.3	1555.1	1553.3	1551.5	1549.7
172.5°	1554.8	1554.3	1554.0	1554.9	1556.7	1558.5	1560.3	1562.1	1560.3	1558.5	1556.7
175°	1560.2	1559.9	1559.8	1560.6	1562.1	1563.6	1565.2	1566.7	1565.2	1563.6	1562.1
177.5°	1563.6	1563.3	1563.2	1564.0	1565.5	1567.1	1568.6	1570.2	1568.6	1567.1	1565.5
180°	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7

TEST NUMBER: P1026770

CATALOG NUMBER: S125DIP-B1270D1270UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6
2.5°	1815.6	1812.5	1804.7	1800.0	1784.4	1765.6	1759.4	1743.8	1750.0	1739.1	1739.1
5°	1767.2	1753.1	1743.8	1729.7	1700.0	1679.7	1657.8	1646.9	1640.6	1632.8	1626.6
7.5°	1704.7	1693.8	1684.4	1657.8	1625.0	1596.9	1570.3	1559.4	1539.1	1525.0	1518.8
10°	1650.0	1634.4	1612.5	1581.3	1546.9	1510.9	1487.5	1464.1	1448.4	1440.6	1423.4
12.5°	1593.8	1575.0	1551.6	1506.3	1468.8	1446.9	1404.7	1382.8	1375.0	1368.8	1348.4
15°	1535.9	1515.6	1487.5	1445.3	1412.5	1360.9	1335.9	1318.8	1300.0	1298.4	1282.8
17.5°	1484.4	1459.4	1435.9	1384.4	1343.8	1298.4	1284.4	1265.6	1248.4	1229.7	1221.9
20°	1418.8	1395.3	1378.1	1321.9	1276.6	1248.4	1225.0	1209.4	1198.4	1179.7	1176.6
22.5°	1359.4	1334.4	1310.9	1268.8	1229.7	1193.8	1165.6	1148.4	1143.8	1135.9	1121.9
25°	1301.6	1276.6	1248.4	1209.4	1168.8	1143.8	1118.8	1107.8	1098.4	1085.9	1075.0
27.5°	1253.1	1229.7	1203.1	1154.7	1120.3	1101.6	1075.0	1062.5	1050.0	1043.8	1039.1
30°	1195.3	1168.8	1148.4	1110.9	1073.4	1048.4	1029.7	1018.8	1007.8	1001.6	998.4
32.5°	1139.1	1114.1	1100.0	1059.4	1029.7	1000.0	985.9	978.1	971.9	965.6	959.4
35°	1093.8	1068.8	1046.9	1009.4	979.7	959.4	948.4	935.9	931.3	925.0	925.0
37.5°	1037.5	1018.8	996.9	960.9	934.4	918.8	909.4	893.8	892.2	889.1	884.4
40°	989.1	970.3	950.0	918.8	895.3	876.6	864.1	856.3	851.6	848.4	845.3
42.5°	937.5	917.2	907.8	871.9	851.6	832.8	826.6	818.8	817.2	810.9	803.1
45°	887.5	870.3	851.6	825.0	807.8	792.2	782.8	776.6	768.8	767.2	762.5
47.5°	843.8	823.4	806.3	781.3	762.5	750.0	742.2	734.4	728.1	723.4	718.8
50°	787.5	771.9	757.8	731.3	715.6	703.1	692.2	685.9	679.7	679.7	679.7
52.5°	732.8	718.8	706.3	687.5	668.8	657.8	645.3	640.6	637.5	632.8	637.5
55°	679.7	665.6	653.1	639.1	617.2	607.8	595.3	590.6	592.2	592.2	596.9
57.5°	623.4	612.5	604.7	587.5	567.2	557.8	550.0	545.3	545.3	551.6	553.1
60°	568.8	557.8	543.8	528.1	515.6	504.7	500.0	501.6	501.6	504.7	512.5
62.5°	507.8	501.6	493.8	471.9	464.1	456.3	450.0	454.7	453.1	460.9	471.9
65°	451.6	445.3	434.4	423.4	414.1	406.3	404.7	406.3	409.4	417.2	429.7
67.5°	389.1	389.1	379.7	370.3	362.5	354.7	356.3	357.8	360.9	370.3	389.1
70°	337.5	331.3	321.9	315.6	309.4	306.3	303.1	309.4	318.8	325.0	339.1
72.5°	281.3	276.6	268.8	262.5	260.9	257.8	256.3	259.4	268.8	279.7	295.3
75°	221.9	223.4	218.8	214.1	214.1	209.4	212.5	212.5	221.9	232.8	245.3
77.5°	171.9	170.3	168.8	165.6	164.1	164.1	164.1	167.2	176.6	182.8	195.3
80°	121.9	123.4	118.8	120.3	118.8	120.3	120.3	126.6	131.3	139.1	148.4
82.5°	81.3	81.3	78.1	79.7	79.7	79.7	81.3	84.4	90.6	96.9	103.1
85°	45.3	46.9	43.8	46.9	46.9	46.9	48.4	50.0	54.7	56.3	62.5
87.5°	17.2	20.3	20.3	17.2	18.8	20.3	21.9	20.3	23.4	26.6	28.1
90°	9.5	10.5	11.4	13.2	15.0	16.8	18.6	19.9	21.2	22.5	23.8
92.5°	12.8	11.6	12.4	13.9	15.5	17.0	18.6	19.9	21.2	22.5	23.8
95°	63.1	62.7	57.8	48.0	38.2	28.4	18.6	19.9	21.2	22.5	23.8
97.5°	130.4	131.2	118.9	94.4	69.9	45.4	20.9	21.4	21.9	22.4	22.9
100°	197.0	197.4	197.9	199.0	200.0	201.1	202.1	163.6	125.2	86.7	48.2
102.5°	268.9	269.4	269.7	270.2	270.7	271.3	271.8	272.3	272.8	273.3	273.8
105°	345.6	346.1	346.1	346.1	346.1	346.1	346.1	346.1	346.1	346.1	346.1
107.5°	420.4	420.4	420.7	421.2	421.7	422.3	422.8	423.0	423.3	423.5	423.8
110°	497.1	497.1	497.4	497.9	498.4	498.9	499.4	498.6	497.8	497.1	496.3

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CATALOG NUMBER: S125DIP-B1270D1270UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	572.2	572.6	572.7	573.0	573.2	573.5	573.7	572.7	571.7	570.6	569.6
115°	646.3	646.9	647.0	647.3	647.6	647.8	648.1	647.1	646.0	645.0	643.9
117.5°	716.6	716.6	717.1	718.1	719.2	720.2	721.2	719.7	718.1	716.6	715.1
120°	785.2	785.1	785.5	786.3	787.0	787.8	788.6	788.1	787.6	787.1	786.6
122.5°	853.0	853.6	853.7	854.0	854.3	854.5	854.8	854.3	853.8	853.3	852.8
125°	918.9	919.8	919.8	919.8	919.8	919.8	919.8	918.8	917.8	916.7	915.7
127.5°	978.5	979.1	979.0	978.7	978.4	978.2	977.9	977.4	976.9	976.4	975.9
130°	1034.2	1034.8	1034.9	1035.2	1035.5	1035.7	1036.0	1035.2	1034.4	1033.7	1032.9
132.5°	1090.9	1091.7	1091.3	1090.5	1089.8	1089.0	1088.2	1088.2	1088.2	1088.2	1088.2
135°	1143.2	1144.0	1143.7	1143.2	1142.7	1142.2	1141.7	1141.2	1140.6	1140.1	1139.6
137.5°	1192.0	1192.8	1192.5	1192.0	1191.5	1190.9	1190.4	1190.4	1190.4	1190.4	1190.4
140°	1235.4	1235.7	1235.6	1235.3	1235.1	1234.8	1234.6	1235.1	1235.6	1236.1	1236.6
142.5°	1277.4	1277.5	1277.8	1278.3	1278.8	1279.4	1279.9	1279.9	1279.9	1279.9	1279.9
145°	1320.2	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5	1320.8	1321.0	1321.3	1321.6
147.5°	1355.4	1355.4	1355.5	1355.8	1356.0	1356.3	1356.5	1356.8	1357.0	1357.3	1357.6
150°	1388.2	1387.9	1388.2	1388.7	1389.2	1389.7	1390.2	1390.7	1391.2	1391.7	1392.2
152.5°	1418.7	1418.1	1418.4	1418.9	1419.4	1419.9	1420.4	1420.9	1421.4	1421.9	1422.4
155°	1445.6	1444.8	1445.1	1445.6	1446.1	1446.6	1447.1	1447.9	1448.7	1449.4	1450.2
157.5°	1470.7	1470.3	1470.3	1470.3	1470.3	1470.3	1470.3	1471.1	1471.9	1472.6	1473.4
160°	1490.9	1490.1	1490.2	1490.5	1490.7	1491.0	1491.2	1492.2	1493.3	1494.3	1495.4
162.5°	1509.5	1508.7	1508.8	1509.1	1509.3	1509.6	1509.8	1511.4	1512.9	1514.5	1516.0
165°	1525.7	1524.9	1525.0	1525.3	1525.6	1525.8	1526.1	1527.7	1529.2	1530.8	1532.3
167.5°	1538.5	1537.7	1537.8	1538.1	1538.4	1538.6	1538.9	1540.7	1542.5	1544.3	1546.1
170°	1547.9	1547.0	1547.1	1547.4	1547.7	1547.9	1548.2	1550.2	1552.3	1554.3	1556.4
172.5°	1554.9	1554.0	1554.3	1554.8	1555.3	1555.8	1556.3	1558.1	1559.9	1561.7	1563.5
175°	1560.6	1559.8	1559.9	1560.2	1560.4	1560.7	1560.9	1563.0	1565.0	1567.1	1569.2
177.5°	1564.0	1563.2	1563.3	1563.6	1563.9	1564.1	1564.4	1566.2	1568.0	1569.8	1571.6
180°	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7

TEST NUMBER: P1026770

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6
2.5°	1745.3	1734.4	1732.8	1735.9	1729.7	1739.1	1735.9	1739.1	1731.3	1739.1	1734.4
5°	1625.0	1621.9	1615.6	1607.8	1609.4	1610.9	1618.8	1610.9	1617.2	1618.8	1626.6
7.5°	1512.5	1506.3	1510.9	1507.8	1493.8	1490.6	1493.8	1498.4	1507.8	1514.1	1518.8
10°	1421.9	1418.8	1412.5	1407.8	1400.0	1395.3	1401.6	1395.3	1407.8	1418.8	1418.8
12.5°	1353.1	1340.6	1332.8	1331.3	1314.1	1317.2	1323.4	1328.1	1342.2	1348.4	1348.4
15°	1281.3	1271.9	1268.8	1262.5	1256.3	1262.5	1259.4	1264.1	1270.3	1276.6	1279.7
17.5°	1218.8	1217.2	1218.8	1203.1	1207.8	1200.0	1201.6	1209.4	1204.7	1209.4	1218.8
20°	1162.5	1165.6	1160.9	1154.7	1154.7	1145.3	1156.3	1153.1	1154.7	1164.1	1178.1
22.5°	1120.3	1118.8	1114.1	1109.4	1103.1	1104.7	1106.3	1103.1	1115.6	1123.4	1125.0
25°	1075.0	1071.9	1070.3	1065.6	1059.4	1065.6	1064.1	1065.6	1068.8	1081.3	1071.9
27.5°	1032.8	1026.6	1029.7	1025.0	1023.4	1025.0	1025.0	1026.6	1029.7	1031.3	1032.8
30°	996.9	990.6	989.1	985.9	984.4	985.9	989.1	985.9	998.4	996.9	996.9
32.5°	957.8	953.1	950.0	950.0	948.4	946.9	948.4	950.0	959.4	953.1	959.4
35°	920.3	917.2	917.2	914.1	912.5	912.5	912.5	918.8	915.6	920.3	920.3
37.5°	884.4	884.4	882.8	879.7	878.1	879.7	878.1	881.3	879.7	881.3	882.8
40°	846.9	843.8	842.2	842.2	837.5	832.8	837.5	837.5	839.1	843.8	845.3
42.5°	801.6	803.1	803.1	796.9	796.9	796.9	798.4	800.0	800.0	803.1	803.1
45°	762.5	759.4	759.4	759.4	756.3	757.8	760.9	760.9	760.9	760.9	757.8
47.5°	718.8	718.8	720.3	720.3	725.0	723.4	723.4	721.9	718.8	718.8	720.3
50°	678.1	682.8	684.4	684.4	685.9	687.5	687.5	684.4	682.8	678.1	678.1
52.5°	639.1	642.2	645.3	650.0	653.1	651.6	651.6	648.4	642.2	640.6	639.1
55°	596.9	601.6	607.8	612.5	617.2	618.8	618.8	612.5	606.3	598.4	598.4
57.5°	557.8	562.5	573.4	578.1	584.4	584.4	581.3	576.6	567.2	560.9	556.3
60°	518.8	526.6	534.4	543.8	551.6	553.1	548.4	542.2	531.3	523.4	517.2
62.5°	476.6	484.4	500.0	509.4	515.6	515.6	515.6	507.8	493.8	482.8	473.4
65°	435.9	443.8	457.8	470.3	475.0	479.7	475.0	467.2	456.3	443.8	434.4
67.5°	393.8	403.1	417.2	426.6	432.8	437.5	434.4	428.1	414.1	396.9	390.6
70°	346.9	351.6	371.9	381.3	390.6	393.8	390.6	381.3	367.2	348.4	342.2
72.5°	303.1	307.8	326.6	334.4	342.2	345.3	340.6	334.4	321.9	304.7	296.9
75°	253.1	260.9	270.3	282.8	292.2	295.3	290.6	285.9	270.3	259.4	253.1
77.5°	200.0	207.8	220.3	231.3	240.6	239.1	232.8	234.4	217.2	204.7	200.0
80°	151.6	157.8	167.2	176.6	181.3	181.3	179.7	173.4	167.2	157.8	150.0
82.5°	104.7	112.5	120.3	126.6	126.6	128.1	125.0	123.4	117.2	109.4	107.8
85°	62.5	64.1	70.3	70.3	76.6	73.4	71.9	76.6	70.3	65.6	64.1
87.5°	28.1	26.6	28.1	28.1	26.6	29.7	29.7	28.1	29.7	28.1	28.1
90°	24.4	24.8	25.6	26.3	27.1	27.9	27.1	26.3	25.6	24.8	24.4
92.5°	24.4	24.5	24.8	25.1	25.3	25.6	25.3	25.1	24.8	24.5	24.4
95°	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
97.5°	23.2	23.3	23.6	23.9	24.1	24.4	24.1	23.9	23.6	23.3	23.2
100°	29.0	28.5	27.5	26.4	25.4	24.4	25.4	26.4	27.5	28.5	29.0
102.5°	274.1	263.3	241.6	219.9	198.2	176.5	198.2	219.9	241.6	263.3	274.1
105°	346.1	346.0	345.7	345.4	345.2	344.9	345.2	345.4	345.7	346.0	346.1
107.5°	423.9	423.4	422.4	421.3	420.3	419.3	420.3	421.3	422.4	423.4	423.9
110°	495.9	496.0	496.3	496.6	496.8	497.1	496.8	496.6	496.3	496.0	495.9

TEST NUMBER: P1026770

CATALOG NUMBER: S125DIP-B1270D1270UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	569.1	568.8	568.3	567.8	567.3	566.8	567.3	567.8	568.3	568.8	569.1
115°	643.4	642.6	641.1	639.5	638.0	636.4	638.0	639.5	641.1	642.6	643.4
117.5°	714.3	714.0	713.5	713.0	712.4	711.9	712.4	713.0	713.5	714.0	714.3
120°	786.3	785.7	784.4	783.1	781.8	780.5	781.8	783.1	784.4	785.7	786.3
122.5°	852.5	851.7	850.2	848.6	847.1	845.5	847.1	848.6	850.2	851.7	852.5
125°	915.2	914.8	914.0	913.3	912.5	911.7	912.5	913.3	914.0	914.8	915.2
127.5°	975.6	974.6	972.5	970.4	968.4	966.3	968.4	970.4	972.5	974.6	975.6
130°	1032.5	1031.9	1030.6	1029.3	1028.0	1026.7	1028.0	1029.3	1030.6	1031.9	1032.5
132.5°	1088.2	1087.6	1086.3	1085.0	1083.7	1082.4	1083.7	1085.0	1086.3	1087.6	1088.2
135°	1139.3	1138.5	1137.0	1135.5	1133.9	1132.4	1133.9	1135.5	1137.0	1138.5	1139.3
137.5°	1190.4	1189.8	1188.5	1187.2	1185.9	1184.6	1185.9	1187.2	1188.5	1189.8	1190.4
140°	1236.9	1236.1	1234.6	1233.0	1231.5	1229.9	1231.5	1233.0	1234.6	1236.1	1236.9
142.5°	1279.9	1279.1	1277.6	1276.0	1274.5	1272.9	1274.5	1276.0	1277.6	1279.1	1279.9
145°	1321.7	1320.9	1319.4	1317.8	1316.3	1314.7	1316.3	1317.8	1319.4	1320.9	1321.7
147.5°	1357.7	1356.8	1355.0	1353.2	1351.4	1349.6	1351.4	1353.2	1355.0	1356.8	1357.7
150°	1392.5	1391.5	1389.4	1387.3	1385.3	1383.2	1385.3	1387.3	1389.4	1391.5	1392.5
152.5°	1422.7	1421.8	1420.0	1418.2	1416.4	1414.6	1416.4	1418.2	1420.0	1421.8	1422.7
155°	1450.6	1449.6	1447.5	1445.4	1443.4	1441.3	1443.4	1445.4	1447.5	1449.6	1450.6
157.5°	1473.8	1472.8	1470.7	1468.6	1466.6	1464.5	1466.6	1468.6	1470.7	1472.8	1473.8
160°	1495.9	1494.9	1492.8	1490.7	1488.7	1486.6	1488.7	1490.7	1492.8	1494.9	1495.9
162.5°	1516.8	1515.6	1513.3	1511.0	1508.6	1506.3	1508.6	1511.0	1513.3	1515.6	1516.8
165°	1533.1	1532.1	1530.0	1527.9	1525.9	1523.8	1525.9	1527.9	1530.0	1532.1	1533.1
167.5°	1547.0	1545.8	1543.5	1541.2	1538.8	1536.5	1538.8	1541.2	1543.5	1545.8	1547.0
170°	1557.4	1556.2	1553.9	1551.6	1549.3	1547.0	1549.3	1551.6	1553.9	1556.2	1557.4
172.5°	1564.4	1563.2	1560.9	1558.6	1556.3	1554.0	1556.3	1558.6	1560.9	1563.2	1564.4
175°	1570.2	1569.0	1566.7	1564.4	1562.1	1559.8	1562.1	1564.4	1566.7	1569.0	1570.2
177.5°	1572.5	1571.5	1569.4	1567.3	1565.3	1563.2	1565.3	1567.3	1569.4	1571.5	1572.5
180°	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7

TEST NUMBER: P1026770

CATALOG NUMBER: S125DIP-B1270D1270UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6
2.5°	1748.4	1739.1	1750.0	1735.9	1739.1	1756.3	1754.7	1770.3	1779.7	1778.1	1785.9
5°	1632.8	1632.8	1637.5	1635.9	1651.6	1665.6	1684.4	1700.0	1717.2	1726.6	1737.5
7.5°	1518.8	1534.4	1537.5	1545.3	1564.1	1587.5	1606.3	1629.7	1654.7	1671.9	1684.4
10°	1425.0	1437.5	1450.0	1456.3	1476.6	1507.8	1534.4	1571.9	1603.1	1621.9	1639.1
12.5°	1342.2	1356.3	1362.5	1390.6	1404.7	1425.0	1462.5	1503.1	1537.5	1557.8	1571.9
15°	1282.8	1290.6	1304.7	1321.9	1335.9	1360.9	1392.2	1437.5	1470.3	1487.5	1535.9
17.5°	1232.8	1242.2	1250.0	1257.8	1279.7	1306.3	1335.9	1375.0	1417.2	1446.9	1471.9
20°	1181.3	1185.9	1195.3	1207.8	1223.4	1248.4	1275.0	1315.6	1353.1	1376.6	1409.4
22.5°	1120.3	1134.4	1143.8	1153.1	1170.3	1198.4	1223.4	1253.1	1300.0	1326.6	1360.9
25°	1084.4	1090.6	1096.9	1107.8	1120.3	1145.3	1173.4	1204.7	1242.2	1270.3	1300.0
27.5°	1037.5	1046.9	1054.7	1068.8	1076.6	1096.9	1123.4	1154.7	1200.0	1223.4	1248.4
30°	998.4	1007.8	1014.1	1020.3	1031.3	1053.1	1078.1	1103.1	1145.3	1175.0	1200.0
32.5°	959.4	968.8	976.6	981.3	992.2	1006.3	1026.6	1057.8	1093.8	1114.1	1146.9
35°	925.0	925.0	934.4	940.6	950.0	962.5	981.3	1004.7	1042.2	1068.8	1098.4
37.5°	885.9	887.5	895.3	900.0	909.4	921.9	940.6	962.5	993.8	1014.1	1043.8
40°	845.3	850.0	853.1	860.9	871.9	876.6	895.3	920.3	951.6	970.3	995.3
42.5°	804.7	807.8	815.6	821.9	831.3	839.1	851.6	875.0	898.4	926.6	946.9
45°	759.4	767.2	771.9	782.8	787.5	795.3	807.8	826.6	854.7	871.9	895.3
47.5°	720.3	723.4	726.6	740.6	750.0	754.7	767.2	778.1	807.8	823.4	845.3
50°	678.1	678.1	682.8	689.1	700.0	709.4	720.3	732.8	756.3	771.9	793.8
52.5°	639.1	634.4	637.5	640.6	651.6	660.9	671.9	689.1	710.9	720.3	739.1
55°	596.9	589.1	593.8	598.4	601.6	614.1	626.6	637.5	654.7	668.8	685.9
57.5°	551.6	550.0	546.9	548.4	556.3	564.1	573.4	587.5	607.8	618.8	628.1
60°	510.9	501.6	498.4	501.6	506.3	510.9	523.4	535.9	553.1	564.1	575.0
62.5°	468.8	459.4	453.1	448.4	453.1	464.1	471.9	481.3	495.3	507.8	517.2
65°	428.1	414.1	407.8	404.7	403.1	410.9	417.2	429.7	442.2	446.9	457.8
67.5°	382.8	370.3	362.5	357.8	357.8	357.8	364.1	376.6	389.1	390.6	401.6
70°	337.5	323.4	315.6	309.4	306.3	309.4	317.2	318.8	329.7	332.8	339.1
72.5°	289.1	276.6	267.2	259.4	260.9	264.1	264.1	267.2	273.4	281.3	281.3
75°	243.8	226.6	221.9	215.6	212.5	212.5	212.5	218.8	223.4	229.7	228.1
77.5°	192.2	182.8	173.4	170.3	165.6	164.1	167.2	167.2	170.3	175.0	176.6
80°	148.4	137.5	131.3	128.1	121.9	120.3	121.9	121.9	126.6	125.0	126.6
82.5°	103.1	95.3	90.6	85.9	82.8	84.4	82.8	82.8	84.4	82.8	82.8
85°	59.4	57.8	54.7	53.1	51.6	48.4	51.6	50.0	48.4	46.9	50.0
87.5°	28.1	26.6	26.6	23.4	23.4	21.9	23.4	23.4	21.9	21.9	21.9
90°	23.8	22.5	21.2	19.9	18.6	16.8	15.0	13.2	11.4	10.5	9.5
92.5°	23.8	22.5	21.2	19.9	18.6	17.0	15.5	13.9	12.4	11.6	12.8
95°	23.8	22.5	21.2	19.9	18.6	28.4	38.2	48.0	57.8	62.7	63.1
97.5°	22.9	22.4	21.9	21.4	20.9	45.4	69.9	94.4	118.9	131.2	130.4
100°	48.2	86.7	125.2	163.6	202.1	201.1	200.0	199.0	197.9	197.4	197.0
102.5°	273.8	273.3	272.8	272.3	271.8	271.3	270.7	270.2	269.7	269.4	268.9
105°	346.1	346.1	346.1	346.1	346.1	346.1	346.1	346.1	346.1	346.1	345.6
107.5°	423.8	423.5	423.3	423.0	422.8	422.3	421.7	421.2	420.7	420.4	420.4
110°	496.3	497.1	497.8	498.6	499.4	498.9	498.4	497.9	497.4	497.1	497.1

TEST NUMBER: P1026770

CATALOG NUMBER: S125DIP-B1270D1270UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	569.6	570.6	571.7	572.7	573.7	573.5	573.2	573.0	572.7	572.6	572.2
115°	643.9	645.0	646.0	647.1	648.1	647.8	647.6	647.3	647.0	646.9	646.3
117.5°	715.1	716.6	718.1	719.7	721.2	720.2	719.2	718.1	717.1	716.6	716.6
120°	786.6	787.1	787.6	788.1	788.6	787.8	787.0	786.3	785.5	785.1	785.2
122.5°	852.8	853.3	853.8	854.3	854.8	854.5	854.3	854.0	853.7	853.6	853.0
125°	915.7	916.7	917.8	918.8	919.8	919.8	919.8	919.8	919.8	919.8	918.9
127.5°	975.9	976.4	976.9	977.4	977.9	978.2	978.4	978.7	979.0	979.1	978.5
130°	1032.9	1033.7	1034.4	1035.2	1036.0	1035.7	1035.5	1035.2	1034.9	1034.8	1034.2
132.5°	1088.2	1088.2	1088.2	1088.2	1088.2	1089.0	1089.8	1090.5	1091.3	1091.7	1090.9
135°	1139.6	1140.1	1140.6	1141.2	1141.7	1142.2	1142.7	1143.2	1143.7	1144.0	1143.2
137.5°	1190.4	1190.4	1190.4	1190.4	1190.4	1190.9	1191.5	1192.0	1192.5	1192.8	1192.0
140°	1236.6	1236.1	1235.6	1235.1	1234.6	1234.8	1235.1	1235.3	1235.6	1235.7	1235.4
142.5°	1279.9	1279.9	1279.9	1279.9	1279.9	1279.4	1278.8	1278.3	1277.8	1277.5	1277.4
145°	1321.6	1321.3	1321.0	1320.8	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5	1320.2
147.5°	1357.6	1357.3	1357.0	1356.8	1356.5	1356.3	1356.0	1355.8	1355.5	1355.4	1355.4
150°	1392.2	1391.7	1391.2	1390.7	1390.2	1389.7	1389.2	1388.7	1388.2	1387.9	1388.2
152.5°	1422.4	1421.9	1421.4	1420.9	1420.4	1419.9	1419.4	1418.9	1418.4	1418.1	1418.7
155°	1450.2	1449.4	1448.7	1447.9	1447.1	1446.6	1446.1	1445.6	1445.1	1444.8	1445.6
157.5°	1473.4	1472.6	1471.9	1471.1	1470.3	1470.3	1470.3	1470.3	1470.3	1470.3	1470.7
160°	1495.4	1494.3	1493.3	1492.2	1491.2	1491.0	1490.7	1490.5	1490.2	1490.1	1490.9
162.5°	1516.0	1514.5	1512.9	1511.4	1509.8	1509.6	1509.3	1509.1	1508.8	1508.7	1509.5
165°	1532.3	1530.8	1529.2	1527.7	1526.1	1525.8	1525.6	1525.3	1525.0	1524.9	1525.7
167.5°	1546.1	1544.3	1542.5	1540.7	1538.9	1538.6	1538.4	1538.1	1537.8	1537.7	1538.5
170°	1556.4	1554.3	1552.3	1550.2	1548.2	1547.9	1547.7	1547.4	1547.1	1547.0	1547.9
172.5°	1563.5	1561.7	1559.9	1558.1	1556.3	1555.8	1555.3	1554.8	1554.3	1554.0	1554.9
175°	1569.2	1567.1	1565.0	1563.0	1560.9	1560.7	1560.4	1560.2	1559.9	1559.8	1560.6
177.5°	1571.6	1569.8	1568.0	1566.2	1564.4	1564.1	1563.9	1563.6	1563.3	1563.2	1564.0
180°	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7

TEST NUMBER: P1026770

CATALOG NUMBER: S125DIP-B1270D1270UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1840.6	1840.6	1840.6	1840.6
2.5°	1796.9	1812.5	1823.4	1843.8
5°	1756.3	1784.4	1810.9	1839.1
7.5°	1715.6	1748.4	1790.6	1826.6
10°	1670.3	1712.5	1762.5	1810.9
12.5°	1625.0	1675.0	1729.7	1793.8
15°	1570.3	1634.4	1698.4	1767.2
17.5°	1521.9	1587.5	1656.3	1742.2
20°	1467.2	1539.1	1614.1	1701.6
22.5°	1418.8	1498.4	1576.6	1668.8
25°	1364.1	1442.2	1528.1	1626.6
27.5°	1318.8	1390.6	1475.0	1581.3
30°	1264.1	1342.2	1426.6	1532.8
32.5°	1212.5	1287.5	1376.6	1481.3
35°	1159.4	1235.9	1315.6	1415.6
37.5°	1109.4	1175.0	1254.7	1350.0
40°	1053.1	1125.0	1196.9	1271.9
42.5°	1001.6	1067.2	1134.4	1193.8
45°	943.8	1000.0	1064.1	1112.5
47.5°	890.6	940.6	990.6	1028.1
50°	837.5	876.6	914.1	946.9
52.5°	775.0	818.8	839.1	859.4
55°	718.8	743.8	762.5	782.8
57.5°	664.1	675.0	684.4	703.1
60°	592.2	604.7	615.6	629.7
62.5°	529.7	535.9	539.1	553.1
65°	470.3	468.8	476.6	484.4
67.5°	406.3	404.7	412.5	415.6
70°	343.8	342.2	343.8	351.6
72.5°	284.4	284.4	285.9	289.1
75°	229.7	229.7	231.3	234.4
77.5°	173.4	176.6	175.0	181.3
80°	126.6	123.4	126.6	129.7
82.5°	82.8	85.9	85.9	82.8
85°	46.9	46.9	46.9	46.9
87.5°	20.3	20.3	21.9	23.4
90°	7.4	5.3	3.3	1.2
92.5°	15.1	17.4	19.8	22.1
95°	63.9	64.6	65.4	66.2
97.5°	128.9	127.4	125.8	124.3
100°	196.3	195.5	194.8	194.0
102.5°	267.9	266.8	265.8	264.8
105°	344.6	343.5	342.5	341.5
107.5°	420.4	420.4	420.4	420.4
110°	497.1	497.1	497.1	497.1

TEST NUMBER: P1026770

CATALOG NUMBER: S125DIP-B1270D1270UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	571.4	570.7	569.9	569.1
115°	645.0	643.7	642.4	641.1
117.5°	716.6	716.6	716.6	716.6
120°	785.5	785.8	786.0	786.3
122.5°	851.7	850.4	849.1	847.8
125°	917.1	915.3	913.5	911.7
127.5°	977.2	975.9	974.6	973.3
130°	1032.9	1031.6	1030.3	1029.0
132.5°	1089.4	1087.9	1086.3	1084.8
135°	1141.7	1140.1	1138.6	1137.0
137.5°	1190.5	1188.9	1187.4	1185.8
140°	1234.9	1234.4	1233.9	1233.4
142.5°	1277.1	1276.9	1276.6	1276.4
145°	1319.7	1319.2	1318.7	1318.2
147.5°	1355.4	1355.4	1355.4	1355.4
150°	1388.7	1389.2	1389.7	1390.2
152.5°	1420.0	1421.3	1422.6	1423.9
155°	1447.1	1448.7	1450.2	1451.8
157.5°	1471.5	1472.2	1473.0	1473.8
160°	1492.4	1493.9	1495.5	1497.0
162.5°	1511.0	1512.5	1514.1	1515.6
165°	1527.2	1528.8	1530.3	1531.9
167.5°	1540.0	1541.6	1543.1	1544.7
170°	1549.7	1551.5	1553.3	1555.1
172.5°	1556.7	1558.5	1560.3	1562.1
175°	1562.1	1563.6	1565.2	1566.7
177.5°	1565.5	1567.1	1568.6	1570.2
180°	1566.7	1566.7	1566.7	1566.7

(END OF REPORT)