

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: P1010531

Luminaire Tested: S123DIP-B1165D805UB2750-4F0-XX-W2A-A_3500K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1010531
REPORT IS A COMBINATION OF REPORTS P989570 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123DIP-B1165D805UB2750-4F0-XX-W2A-A_3500K
Description: Define 3 Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

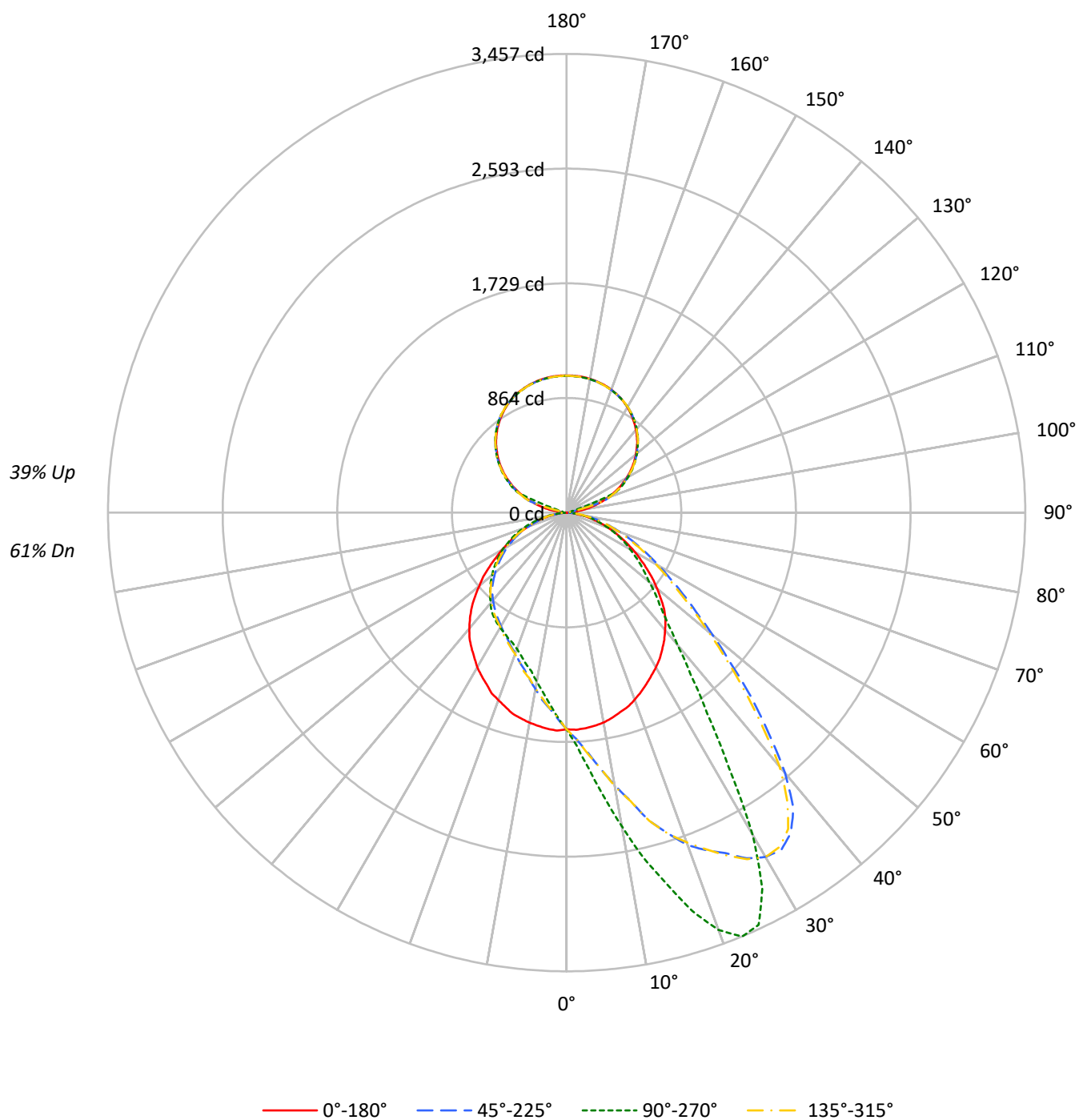
Lumens per Lamp: N/A
Luminaire Lumens: 8077.0 lumens
Efficiency: N/A
Efficacy: 98.0 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.37 / 1.5
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 82.4
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	110	110	110	110	103	103	103	103	89	89	89	77	77	77	66	66	66	66	66	61
1	101	96	93	89	94	90	87	84	79	77	74	69	67	65	59	58	57	57	57	52
2	92	85	78	73	86	79	74	69	70	66	62	61	58	55	52	50	48	48	48	44
3	84	75	67	61	78	70	64	58	62	57	53	54	50	47	47	44	41	41	41	38
4	77	66	58	52	72	62	55	50	55	49	45	48	44	40	42	39	36	36	36	33
5	71	59	51	45	66	56	48	43	49	44	39	43	39	35	38	34	31	31	31	28
6	65	53	45	39	61	50	43	38	45	39	34	39	35	31	34	31	28	28	28	25
7	60	48	40	34	57	46	38	33	41	35	30	36	31	27	31	28	25	25	25	22
8	56	44	36	31	53	41	34	29	37	31	27	33	28	25	29	25	22	22	22	20
9	52	40	32	27	49	38	31	26	34	28	24	30	25	22	27	23	20	20	20	18
10	49	37	29	25	46	35	28	24	31	26	22	28	23	20	25	21	18	18	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	17575	17575	17575	17575
5°	17587	20250	17637	15114
10°	17475	24505	17493	13197
15°	17233	29061	17374	11880
20°	17026	33460	17061	10932
25°	16716	34302	16754	10436
30°	16496	28340	16496	10112
35°	16223	18954	16121	9826
40°	15896	13682	15699	9387
45°	15484	10838	15038	8842
50°	14485	9203	13970	8306
55°	13388	8088	12843	7710
60°	12275	7043	11621	7082
65°	11052	6029	10518	6247
70°	9786	5005	9132	5266
75°	8365	3774	7825	4066
80°	6612	2520	6097	2670
85°	4563	1157	3650	1053

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 28344 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	160.6	2.0
10°-20°	515.8	6.4
20°-30°	867.8	10.7
30°-40°	980.7	12.1
40°-50°	878.4	10.9
50°-60°	709.1	8.8
60°-70°	494.1	6.1
70°-80°	259.3	3.2
80°-90°	64.2	0.8
90°-100°	36.4	0.5
100°-110°	176.0	2.2
110°-120°	431.3	5.3
120°-130°	547.5	6.8
130°-140°	584.9	7.2
140°-150°	546.9	6.8
150°-160°	441.1	5.5
160°-170°	284.7	3.5
170°-180°	98.1	1.2
0°-30°	1544.2	19.1
0°-40°	2524.9	31.3
0°-60°	4112.4	50.9
0°-90°	4930.1	61.0
90°-120°	643.7	8.0
90°-150°	2323.0	28.8
90°-180°	3147.0	39.0
0°-180°	8077.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1633	1633	1633	1633	1633	
5°	1631	1940	1636	1448	1631	155
15°	1557	2887	1570	1180	1557	440
25°	1424	3427	1427	1043	1424	657
35°	1256	1846	1248	957	1256	786
45°	1043	997	1013	813	1043	797
55°	739	677	709	646	739	662
65°	457	440	435	456	457	455
75°	220	226	206	244	220	236
85°	48	52	38	48	48	55
90°	1	23	1	23	1	6
95°	47	29	47	29	47	56
105°	228	34	228	34	228	242
115°	429	451	429	451	429	423
125°	604	617	604	617	604	540
135°	752	760	752	760	752	579
145°	868	877	868	877	868	544
155°	956	955	956	955	956	441
165°	1008	1006	1008	1006	1008	285
175°	1032	1028	1032	1028	1032	98
180°	1032	1032	1032	1032	1032	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8
2.5°	1637.5	1650.2	1656.5	1666.0	1675.5	1689.7	1694.5	1702.4	1699.2	1705.6	1708.7
5°	1631.2	1653.4	1672.3	1696.1	1718.2	1734.0	1749.9	1775.2	1794.2	1797.3	1811.6
7.5°	1620.1	1651.8	1685.0	1718.2	1760.9	1786.3	1814.7	1849.5	1878.0	1923.9	1941.3
10°	1605.9	1650.2	1697.7	1743.5	1802.1	1841.6	1876.4	1935.0	1993.5	2041.0	2085.3
12.5°	1583.7	1639.1	1700.8	1768.8	1844.8	1890.7	1938.1	2015.7	2104.3	2177.0	2224.5
15°	1556.8	1626.5	1705.6	1778.3	1862.2	1947.6	1998.3	2085.3	2211.9	2279.9	2401.7
17.5°	1534.7	1605.9	1685.0	1798.9	1912.8	1998.3	2034.6	2194.4	2281.5	2395.4	2533.0
20°	1499.9	1590.1	1691.3	1805.2	1952.4	2004.6	2078.9	2240.3	2347.9	2496.6	2665.9
22.5°	1463.5	1560.0	1681.8	1800.5	1965.0	2020.4	2121.7	2249.8	2420.7	2567.8	2754.5
25°	1423.9	1528.4	1651.8	1792.6	1954.0	2034.6	2129.6	2287.8	2472.9	2658.0	2830.5
27.5°	1384.4	1498.3	1626.5	1767.3	1923.9	2018.8	2113.8	2278.3	2515.6	2716.6	2936.5
30°	1346.4	1460.3	1588.5	1732.5	1897.0	1988.8	2078.9	2284.6	2548.8	2775.1	2996.6
32.5°	1305.3	1422.4	1556.8	1677.1	1843.2	1941.3	2042.6	2284.6	2569.4	2809.9	3012.4
35°	1256.2	1376.5	1492.0	1612.2	1776.8	1885.9	1999.8	2268.8	2588.4	2821.0	2946.0
37.5°	1208.8	1314.8	1414.4	1531.5	1704.0	1821.1	1952.4	2249.8	2578.9	2773.5	2808.3
40°	1155.0	1261.0	1341.7	1450.8	1632.8	1768.8	1901.7	2224.5	2537.8	2661.2	2559.9
42.5°	1102.8	1186.6	1256.2	1362.2	1560.0	1692.9	1836.9	2178.6	2457.1	2482.4	2254.6
45°	1042.6	1102.8	1164.5	1284.7	1480.9	1617.0	1776.8	2112.2	2327.3	2254.6	1966.6
47.5°	965.1	1018.9	1086.9	1197.7	1397.0	1537.9	1689.7	2026.7	2139.1	1987.2	1672.3
50°	890.8	936.6	999.9	1107.5	1308.4	1446.1	1607.5	1892.3	1947.6	1708.7	1441.3
52.5°	816.4	851.2	912.9	1020.5	1221.4	1354.3	1501.5	1754.6	1723.0	1466.7	1229.3
55°	738.9	768.9	827.5	933.5	1120.2	1246.7	1387.5	1585.3	1503.0	1259.4	1069.5
57.5°	662.9	694.6	754.7	843.3	1018.9	1142.3	1254.6	1409.7	1286.3	1091.7	924.0
60°	594.9	621.8	667.7	754.7	914.5	1014.2	1117.0	1223.0	1120.2	931.9	803.7
62.5°	523.7	549.0	591.7	670.8	808.5	897.1	979.4	1066.4	952.5	814.8	700.9
65°	457.2	477.8	517.4	590.1	702.5	775.3	841.7	901.8	810.1	683.5	598.1
67.5°	397.1	414.5	447.7	512.6	607.5	659.8	713.6	764.2	686.7	585.4	512.6
70°	332.3	346.5	376.6	424.0	500.0	553.8	593.3	631.3	561.7	481.0	431.9
72.5°	275.3	289.5	308.5	357.6	409.8	443.0	485.7	506.3	466.7	400.3	351.2
75°	219.9	231.0	248.4	280.0	329.1	351.2	378.1	394.0	357.6	313.3	283.2
77.5°	172.5	177.2	189.9	212.0	245.2	270.5	291.1	300.6	275.3	246.8	221.5
80°	121.8	128.2	137.6	156.6	181.9	189.9	202.5	213.6	197.8	172.5	156.6
82.5°	80.7	88.6	93.3	101.3	117.1	126.6	129.7	139.2	125.0	115.5	109.2
85°	47.5	50.6	52.2	57.0	64.9	69.6	74.4	75.9	72.8	71.2	64.9
87.5°	23.7	23.7	23.7	26.9	28.5	31.6	33.2	33.2	33.2	31.6	30.1
90°	0.8	2.5	4.2	5.9	7.6	8.4	9.5	11.7	14.0	16.2	18.4
92.5°	17.6	16.6	15.6	14.5	13.5	13.0	13.8	15.3	16.8	18.4	19.9
95°	46.8	39.8	32.8	25.8	18.8	15.3	16.2	18.1	20.0	21.9	23.8
97.5°	85.1	80.3	75.6	70.8	66.1	63.7	59.3	50.6	41.9	33.2	24.5
100°	129.6	133.0	136.4	139.8	143.2	144.9	131.6	105.0	78.5	51.9	25.3
102.5°	180.2	182.4	184.6	186.9	189.1	190.2	175.4	145.7	116.1	86.4	56.8
105°	228.5	230.4	232.3	234.2	236.1	237.0	229.3	214.0	198.7	183.3	168.0
107.5°	279.9	281.4	283.0	284.5	286.0	286.8	288.1	290.6	293.2	295.7	298.3
110°	331.3	332.7	334.0	335.4	336.7	337.4	338.3	340.2	342.1	344.0	345.9

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	380.4	381.6	382.8	384.0	385.2	385.8	386.7	388.6	390.5	392.3	394.2
115°	428.7	429.7	430.7	431.8	432.8	433.3	434.1	435.6	437.1	438.7	440.2
117.5°	476.3	477.5	478.7	479.8	481.0	481.6	482.0	482.9	483.8	484.6	485.5
120°	520.0	521.5	523.1	524.6	526.1	526.9	527.2	527.7	528.2	528.7	529.2
122.5°	564.4	565.6	566.8	568.0	569.2	569.8	570.1	570.8	571.5	572.2	572.9
125°	604.3	605.7	607.1	608.4	609.8	610.5	610.8	611.5	612.2	612.8	613.5
127.5°	644.2	645.6	646.9	648.3	649.6	650.3	650.7	651.6	652.5	653.3	654.2
130°	681.0	682.4	683.8	685.1	686.5	687.2	687.5	688.2	688.9	689.5	690.2
132.5°	716.3	717.7	719.0	720.4	721.7	722.4	722.7	723.2	723.7	724.2	724.7
135°	752.3	753.3	754.3	755.4	756.4	756.9	757.2	757.9	758.6	759.3	760.0
137.5°	783.0	784.4	785.8	787.1	788.5	789.2	789.4	789.7	790.0	790.4	790.7
140°	813.7	814.7	815.7	816.8	817.8	818.3	818.6	819.1	819.6	820.1	820.6
142.5°	842.1	843.1	844.1	845.2	846.2	846.7	847.0	847.5	848.0	848.5	849.0
145°	868.1	869.3	870.5	871.7	872.9	873.5	873.7	874.0	874.3	874.7	875.0
147.5°	893.5	894.3	895.2	896.0	896.9	897.3	897.5	897.8	898.1	898.5	898.8
150°	916.5	917.0	917.5	918.0	918.5	918.8	919.0	919.3	919.6	920.0	920.3
152.5°	937.2	937.4	937.5	937.7	937.8	937.9	938.0	938.2	938.3	938.5	938.7
155°	956.3	956.0	955.6	955.3	955.0	954.8	954.9	955.1	955.2	955.4	955.6
157.5°	971.7	971.7	971.7	971.7	971.7	971.7	971.6	971.4	971.3	971.1	970.9
160°	985.5	985.3	985.1	985.0	984.8	984.7	984.6	984.4	984.3	984.1	983.9
162.5°	998.5	998.0	997.5	997.0	996.5	996.2	996.1	996.0	995.8	995.7	995.5
165°	1008.5	1008.0	1007.5	1007.0	1006.5	1006.2	1006.1	1005.9	1005.8	1005.6	1005.4
167.5°	1016.9	1016.2	1015.6	1014.9	1014.2	1013.9	1013.9	1013.9	1013.9	1013.9	1013.9
170°	1023.8	1023.1	1022.5	1021.8	1021.1	1020.8	1020.8	1020.8	1020.8	1020.8	1020.8
172.5°	1028.4	1027.6	1026.7	1025.9	1025.0	1024.6	1024.7	1024.9	1025.0	1025.2	1025.4
175°	1032.3	1031.4	1030.6	1029.7	1028.8	1028.4	1028.5	1028.7	1028.8	1029.0	1029.2
177.5°	1033.8	1033.0	1032.1	1031.3	1030.4	1030.0	1030.1	1030.2	1030.4	1030.5	1030.7
180°	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8
2.5°	1719.8	1723.0	1734.0	1742.0	1757.8	1756.2	1756.2	1754.6	1749.9	1757.8	1762.5
5°	1840.0	1866.9	1870.1	1904.9	1906.5	1920.7	1930.2	1922.3	1941.3	1939.7	1925.5
7.5°	1988.8	2025.2	2042.6	2075.8	2113.8	2104.3	2140.7	2147.0	2143.8	2159.6	2170.7
10°	2151.7	2215.0	2259.3	2321.0	2336.8	2346.3	2370.1	2390.6	2431.8	2400.1	2420.7
12.5°	2338.4	2384.3	2442.8	2540.9	2590.0	2621.6	2632.7	2646.9	2675.4	2658.0	2659.6
15°	2495.1	2556.8	2656.4	2778.3	2792.5	2832.1	2822.6	2908.0	2949.1	2887.4	2922.2
17.5°	2658.0	2740.3	2859.0	2965.0	3025.1	3052.0	3077.3	3159.6	3156.4	3146.9	3154.8
20°	2762.4	2896.9	3044.1	3184.9	3202.3	3222.8	3290.9	3325.7	3319.4	3346.3	3363.7
22.5°	2909.6	3052.0	3208.6	3302.0	3341.5	3365.2	3419.0	3441.2	3450.7	3457.0	3445.9
25°	3033.0	3184.9	3300.4	3382.6	3406.4	3419.0	3436.4	3442.8	3438.0	3426.9	3436.4
27.5°	3116.8	3238.7	3317.8	3355.7	3343.1	3322.5	3289.3	3267.1	3218.1	3194.4	3222.8
30°	3151.7	3205.4	3229.2	3165.9	3102.6	3052.0	2988.7	2871.6	2779.8	2806.7	2770.4
32.5°	3096.3	3061.5	2947.6	2784.6	2735.5	2653.3	2474.5	2336.8	2341.6	2268.8	2298.9
35°	2933.3	2775.1	2559.9	2313.1	2248.2	2203.9	2007.8	1977.7	1914.4	1846.4	1865.4
37.5°	2645.4	2414.4	2153.3	1971.4	1874.9	1778.3	1667.6	1601.1	1563.2	1534.7	1556.8
40°	2294.1	2012.5	1797.3	1634.4	1552.1	1490.4	1414.4	1348.0	1305.3	1300.5	1308.4
42.5°	1949.2	1711.9	1514.1	1359.1	1332.2	1259.4	1210.3	1158.1	1145.5	1124.9	1136.0
45°	1650.2	1457.2	1294.2	1167.6	1136.0	1117.0	1056.9	1023.7	1009.4	996.8	1015.7
47.5°	1433.4	1230.9	1112.3	1036.3	1004.7	973.0	939.8	917.6	906.6	908.2	906.6
50°	1224.6	1075.9	971.4	912.9	893.9	871.8	844.9	830.6	825.9	811.6	822.7
52.5°	1053.7	946.1	873.3	818.0	803.7	787.9	765.8	757.9	746.8	743.6	743.6
55°	916.1	832.2	773.7	737.3	719.9	707.2	694.6	685.1	677.2	677.2	677.2
57.5°	808.5	735.7	693.0	661.3	655.0	642.4	628.1	628.1	617.0	615.5	620.2
60°	716.7	651.8	618.6	591.7	582.2	579.1	564.8	564.8	561.7	553.8	560.1
62.5°	623.4	575.9	547.4	526.9	517.4	517.4	506.3	498.4	498.4	500.0	496.8
65°	537.9	503.1	477.8	462.0	457.2	450.9	449.3	443.0	438.3	439.8	438.3
67.5°	462.0	435.1	417.7	405.0	397.1	394.0	389.2	389.2	386.0	387.6	379.7
70°	394.0	367.1	352.8	340.2	337.0	337.0	330.7	332.3	329.1	333.8	330.7
72.5°	324.3	303.8	292.7	288.0	284.8	283.2	280.0	276.9	275.3	278.5	276.9
75°	262.6	245.2	237.3	234.2	231.0	231.0	229.4	227.8	226.2	226.2	226.2
77.5°	204.1	193.0	183.5	186.7	181.9	183.5	178.8	178.8	180.4	178.8	178.8
80°	150.3	142.4	142.4	139.2	132.9	136.1	136.1	131.3	129.7	132.9	128.2
82.5°	99.7	98.1	94.9	93.3	90.2	91.8	90.2	88.6	87.0	90.2	87.0
85°	58.5	58.5	57.0	53.8	57.0	55.4	53.8	53.8	52.2	52.2	52.2
87.5°	30.1	26.9	26.9	25.3	26.9	23.7	25.3	23.7	22.2	23.7	22.2
90°	19.1	19.8	20.5	21.2	21.5	21.7	22.0	22.3	22.7	23.0	22.7
92.5°	21.1	22.3	23.5	24.7	25.3	25.4	25.6	25.7	25.9	26.1	25.9
95°	25.0	26.2	27.3	28.5	29.1	29.1	29.1	29.1	29.1	29.1	29.1
97.5°	25.9	27.3	28.6	30.0	30.7	30.8	30.9	31.1	31.2	31.4	31.2
100°	26.7	28.0	29.4	30.7	31.4	31.5	31.7	31.8	32.0	32.2	32.0
102.5°	51.2	45.5	39.9	34.2	31.4	31.6	31.9	32.3	32.6	33.0	32.6
105°	137.8	107.6	77.5	47.3	32.2	32.4	32.7	33.0	33.4	33.7	33.4
107.5°	272.1	245.8	219.6	193.3	180.2	169.0	146.7	124.4	102.1	79.8	102.1
110°	340.3	334.7	329.0	323.4	320.6	308.4	284.0	259.7	235.3	210.9	235.3



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	395.7	397.3	398.8	400.3	401.1	400.9	400.6	400.3	399.9	399.6	399.9
115°	441.9	443.6	445.3	447.0	447.9	448.2	448.9	449.6	450.2	450.9	450.2
117.5°	486.9	488.2	489.6	490.9	491.6	491.7	491.9	492.0	492.2	492.4	492.2
120°	530.6	531.9	533.3	534.6	535.3	535.3	535.3	535.3	535.3	535.3	535.3
122.5°	573.7	574.6	575.4	576.3	576.7	576.8	577.0	577.1	577.3	577.5	577.3
125°	613.9	614.2	614.6	614.9	615.1	615.3	615.6	615.9	616.3	616.6	616.3
127.5°	654.7	655.2	655.7	656.2	656.5	656.3	656.0	655.6	655.3	654.9	655.3
130°	690.9	691.6	692.3	693.0	693.3	693.1	692.8	692.5	692.1	691.8	692.1
132.5°	725.4	726.1	726.8	727.5	727.8	727.5	727.0	726.5	726.0	725.5	726.0
135°	760.5	761.0	761.5	762.0	762.3	762.0	761.5	761.0	760.5	760.0	760.5
137.5°	791.5	792.4	793.2	794.1	794.5	794.3	794.0	793.7	793.3	793.0	793.3
140°	821.3	822.0	822.7	823.4	823.7	823.5	823.2	822.8	822.5	822.1	822.5
142.5°	849.5	850.0	850.5	851.0	851.3	851.0	850.5	850.0	849.5	849.0	849.5
145°	875.4	875.7	876.1	876.4	876.6	876.6	876.6	876.6	876.6	876.6	876.6
147.5°	899.2	899.5	899.9	900.2	900.4	900.0	899.1	898.2	897.4	896.5	897.4
150°	920.6	921.0	921.3	921.6	921.8	921.5	921.0	920.5	920.0	919.5	920.0
152.5°	939.4	940.1	940.8	941.5	941.8	941.4	940.5	939.6	938.8	937.9	938.8
155°	956.4	957.3	958.1	959.0	959.4	958.9	957.9	956.8	955.8	954.8	955.8
157.5°	971.9	972.9	974.0	975.0	975.5	974.8	973.5	972.1	970.8	969.4	970.8
160°	984.9	985.9	987.0	988.0	988.5	987.9	986.7	985.6	984.4	983.2	984.4
162.5°	996.7	997.9	999.0	1000.2	1000.8	1000.3	999.3	998.2	997.2	996.2	997.2
165°	1006.8	1008.2	1009.5	1010.9	1011.6	1011.0	1009.8	1008.6	1007.4	1006.2	1007.4
167.5°	1015.3	1016.6	1018.0	1019.3	1020.0	1019.3	1018.0	1016.6	1015.3	1013.9	1015.3
170°	1022.2	1023.5	1024.9	1026.2	1026.9	1026.2	1024.9	1023.5	1022.2	1020.8	1022.2
172.5°	1026.8	1028.1	1029.5	1030.8	1031.5	1030.7	1029.2	1027.7	1026.1	1024.6	1026.1
175°	1030.4	1031.6	1032.8	1034.0	1034.6	1033.9	1032.5	1031.2	1029.8	1028.4	1029.8
177.5°	1032.1	1033.5	1034.8	1036.2	1036.9	1036.0	1034.3	1032.6	1030.9	1029.2	1030.9
180°	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3

TEST NUMBER: P1010531

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8
2.5°	1749.9	1754.6	1742.0	1738.8	1738.8	1745.1	1740.4	1697.7	1705.6	1696.1	1692.9
5°	1942.9	1933.4	1920.7	1914.4	1906.5	1884.3	1882.8	1833.7	1824.2	1792.6	1778.3
7.5°	2154.9	2147.0	2109.0	2104.3	2101.1	2080.5	2028.3	1976.1	1938.1	1901.7	1866.9
10°	2397.0	2373.2	2355.8	2321.0	2303.6	2275.1	2207.1	2158.1	2093.2	2037.8	1965.0
12.5°	2688.1	2661.2	2602.6	2577.3	2555.2	2476.1	2408.0	2352.7	2226.1	2188.1	2097.9
15°	2901.7	2844.7	2838.4	2783.0	2779.8	2692.8	2563.1	2503.0	2404.9	2265.6	2172.3
17.5°	3132.7	3082.0	3042.5	2976.0	2966.5	2884.3	2789.3	2642.2	2534.6	2401.7	2283.0
20°	3302.0	3275.1	3207.0	3180.1	3124.8	3055.1	2957.0	2775.1	2643.8	2510.9	2365.3
22.5°	3436.4	3409.5	3355.7	3319.4	3287.7	3197.5	3080.5	2925.4	2745.0	2571.0	2420.7
25°	3434.9	3426.9	3404.8	3387.4	3363.7	3297.2	3199.1	3050.4	2849.5	2658.0	2449.2
27.5°	3240.3	3262.4	3300.4	3319.4	3314.6	3305.1	3249.7	3124.8	2944.4	2716.6	2482.4
30°	2835.2	2915.9	2987.1	3082.0	3110.5	3180.1	3211.8	3140.6	2996.6	2784.6	2525.1
32.5°	2351.1	2468.2	2623.2	2675.4	2765.6	2900.1	3050.4	3077.3	2987.1	2824.1	2552.0
35°	1928.6	2025.2	2145.4	2227.7	2308.4	2526.7	2716.6	2881.1	2911.2	2803.6	2545.7
37.5°	1596.4	1664.4	1770.4	1840.0	1914.4	2101.1	2366.9	2580.5	2730.8	2734.0	2528.3
40°	1355.9	1386.0	1477.7	1528.4	1599.6	1760.9	1998.3	2276.7	2496.6	2597.9	2482.4
42.5°	1148.6	1188.2	1264.1	1302.1	1348.0	1488.8	1645.4	1909.7	2181.8	2398.5	2397.0
45°	1025.2	1053.7	1088.5	1120.2	1172.4	1256.2	1435.0	1632.8	1893.8	2139.1	2235.6
47.5°	916.1	943.0	977.8	987.3	1022.1	1101.2	1210.3	1382.8	1626.5	1870.1	2052.1
50°	824.3	846.5	870.2	887.6	903.4	968.3	1050.6	1196.1	1390.7	1626.5	1852.7
52.5°	753.1	768.9	789.5	799.0	813.2	860.7	924.0	1031.6	1191.4	1406.5	1626.5
55°	686.7	697.7	710.4	726.2	732.5	767.3	816.4	908.2	1026.8	1219.8	1428.7
57.5°	625.0	629.7	637.6	647.1	655.0	685.1	727.8	789.5	893.9	1042.6	1240.4
60°	555.3	568.0	572.7	582.2	587.0	610.7	643.9	696.1	776.8	905.0	1053.7
62.5°	496.8	504.7	512.6	517.4	528.4	536.4	563.2	610.7	677.2	772.1	906.6
65°	444.6	447.7	452.5	457.2	460.4	469.9	495.2	526.9	577.5	661.3	765.8
67.5°	384.5	387.6	394.0	395.5	398.7	411.4	425.6	452.5	495.2	558.5	643.9
70°	325.9	330.7	333.8	337.0	341.7	346.5	362.3	384.5	417.7	462.0	528.4
72.5°	275.3	280.0	280.0	283.2	281.6	288.0	303.8	319.6	341.7	378.1	436.7
75°	224.7	224.7	227.8	229.4	231.0	237.3	243.7	256.3	273.7	302.2	338.6
77.5°	177.2	175.6	178.8	178.8	178.8	183.5	189.9	196.2	207.3	227.8	256.3
80°	129.7	129.7	132.9	134.5	131.3	132.9	136.1	142.4	150.3	164.5	180.4
82.5°	85.4	91.8	90.2	91.8	90.2	93.3	94.9	96.5	99.7	106.0	117.1
85°	52.2	52.2	52.2	53.8	52.2	53.8	53.8	53.8	55.4	58.5	63.3
87.5°	22.2	22.2	22.2	23.7	22.2	22.2	23.7	22.2	23.7	23.7	25.3
90°	22.3	22.0	21.7	21.5	21.2	20.5	19.8	19.1	18.4	16.2	14.0
92.5°	25.7	25.6	25.4	25.3	24.7	23.5	22.3	21.1	19.9	18.4	16.8
95°	29.1	29.1	29.1	29.1	28.5	27.3	26.2	25.0	23.8	21.9	20.0
97.5°	31.1	30.9	30.8	30.7	30.0	28.6	27.3	25.9	24.5	33.2	41.9
100°	31.8	31.7	31.5	31.4	30.7	29.4	28.0	26.7	25.3	51.9	78.5
102.5°	32.3	31.9	31.6	31.4	34.2	39.9	45.5	51.2	56.8	86.4	116.1
105°	33.0	32.7	32.4	32.2	47.3	77.5	107.6	137.8	168.0	183.3	198.7
107.5°	124.4	146.7	169.0	180.2	193.3	219.6	245.8	272.1	298.3	295.7	293.2
110°	259.7	284.0	308.4	320.6	323.4	329.0	334.7	340.3	345.9	344.0	342.1



TEST NUMBER: P1010531

CATALOG NUMBER: S123DIP-B1165D805UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	400.3	400.6	400.9	401.1	400.3	398.8	397.3	395.7	394.2	392.3	390.5
115°	449.6	448.9	448.2	447.9	447.0	445.3	443.6	441.9	440.2	438.7	437.1
117.5°	492.0	491.9	491.7	491.6	490.9	489.6	488.2	486.9	485.5	484.6	483.8
120°	535.3	535.3	535.3	535.3	534.6	533.3	531.9	530.6	529.2	528.7	528.2
122.5°	577.1	577.0	576.8	576.7	576.3	575.4	574.6	573.7	572.9	572.2	571.5
125°	615.9	615.6	615.3	615.1	614.9	614.6	614.2	613.9	613.5	612.8	612.2
127.5°	655.6	656.0	656.3	656.5	656.2	655.7	655.2	654.7	654.2	653.3	652.5
130°	692.5	692.8	693.1	693.3	693.0	692.3	691.6	690.9	690.2	689.5	688.9
132.5°	726.5	727.0	727.5	727.8	727.5	726.8	726.1	725.4	724.7	724.2	723.7
135°	761.0	761.5	762.0	762.3	762.0	761.5	761.0	760.5	760.0	759.3	758.6
137.5°	793.7	794.0	794.3	794.5	794.1	793.2	792.4	791.5	790.7	790.4	790.0
140°	822.8	823.2	823.5	823.7	823.4	822.7	822.0	821.3	820.6	820.1	819.6
142.5°	850.0	850.5	851.0	851.3	851.0	850.5	850.0	849.5	849.0	848.5	848.0
145°	876.6	876.6	876.6	876.6	876.4	876.1	875.7	875.4	875.0	874.7	874.3
147.5°	898.2	899.1	900.0	900.4	900.2	899.9	899.5	899.2	898.8	898.5	898.1
150°	920.5	921.0	921.5	921.8	921.6	921.3	921.0	920.6	920.3	920.0	919.6
152.5°	939.6	940.5	941.4	941.8	941.5	940.8	940.1	939.4	938.7	938.5	938.3
155°	956.8	957.9	958.9	959.4	959.0	958.1	957.3	956.4	955.6	955.4	955.2
157.5°	972.1	973.5	974.8	975.5	975.0	974.0	972.9	971.9	970.9	971.1	971.3
160°	985.6	986.7	987.9	988.5	988.0	987.0	985.9	984.9	983.9	984.1	984.3
162.5°	998.2	999.3	1000.3	1000.8	1000.2	999.0	997.9	996.7	995.5	995.7	995.8
165°	1008.6	1009.8	1011.0	1011.6	1010.9	1009.5	1008.2	1006.8	1005.4	1005.6	1005.8
167.5°	1016.6	1018.0	1019.3	1020.0	1019.3	1018.0	1016.6	1015.3	1013.9	1013.9	1013.9
170°	1023.5	1024.9	1026.2	1026.9	1026.2	1024.9	1023.5	1022.2	1020.8	1020.8	1020.8
172.5°	1027.7	1029.2	1030.7	1031.5	1030.8	1029.5	1028.1	1026.8	1025.4	1025.2	1025.0
175°	1031.2	1032.5	1033.9	1034.6	1034.0	1032.8	1031.6	1030.4	1029.2	1029.0	1028.8
177.5°	1032.6	1034.3	1036.0	1036.9	1036.2	1034.8	1033.5	1032.1	1030.7	1030.5	1030.4
180°	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3

TEST NUMBER: P1010531

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8
2.5°	1677.1	1672.3	1672.3	1669.2	1659.7	1642.3	1640.7	1643.9	1634.4	1624.9	1610.6
5°	1759.4	1729.3	1719.8	1710.3	1691.3	1659.7	1647.0	1635.9	1618.5	1598.0	1575.8
7.5°	1829.0	1786.3	1773.6	1756.2	1718.2	1673.9	1645.4	1621.7	1598.0	1569.5	1542.6
10°	1916.0	1854.3	1824.2	1798.9	1746.7	1685.0	1642.3	1607.5	1569.5	1534.7	1499.9
12.5°	2014.1	1914.4	1904.9	1843.2	1783.1	1691.3	1639.1	1588.5	1537.9	1495.1	1458.7
15°	2096.4	1987.2	1947.6	1906.5	1791.0	1677.1	1626.5	1569.5	1511.0	1465.1	1411.3
17.5°	2148.6	2058.4	1974.5	1919.2	1798.9	1697.7	1599.6	1534.7	1473.0	1409.7	1365.4
20°	2211.9	2080.5	2007.8	1933.4	1814.7	1681.8	1583.7	1503.0	1427.1	1370.1	1316.4
22.5°	2275.1	2097.9	2037.8	1957.1	1817.9	1666.0	1555.3	1474.6	1387.5	1330.6	1272.1
25°	2268.8	2123.3	2023.6	1955.5	1786.3	1651.8	1522.0	1427.1	1346.4	1273.6	1215.1
27.5°	2273.6	2094.8	1993.5	1914.4	1764.1	1631.2	1487.2	1387.5	1303.7	1227.8	1166.0
30°	2275.1	2052.1	1963.5	1868.5	1723.0	1582.2	1447.7	1346.4	1257.8	1175.5	1120.2
32.5°	2270.4	2017.2	1906.5	1821.1	1658.1	1534.7	1401.8	1294.2	1204.0	1128.1	1075.9
35°	2259.3	1976.1	1848.0	1740.4	1591.6	1466.7	1359.1	1248.3	1151.8	1082.2	1022.1
37.5°	2229.3	1931.8	1786.3	1680.2	1514.1	1387.5	1292.6	1200.9	1107.5	1025.2	974.6
40°	2207.1	1871.7	1724.5	1609.1	1430.3	1306.9	1227.8	1140.7	1049.0	974.6	925.6
42.5°	2156.5	1814.7	1661.3	1523.6	1348.0	1221.4	1147.1	1077.4	998.3	925.6	881.3
45°	2074.2	1753.0	1583.7	1444.5	1257.8	1137.6	1069.5	1012.6	943.0	873.3	829.0
47.5°	1958.7	1664.4	1501.5	1362.2	1169.2	1047.4	979.4	936.6	881.3	822.7	784.7
50°	1833.7	1567.9	1417.6	1280.0	1083.8	965.1	898.7	859.1	822.7	768.9	732.5
52.5°	1670.8	1465.1	1321.1	1189.8	992.0	878.1	819.6	791.1	753.1	715.1	683.5
55°	1512.5	1332.2	1213.5	1088.5	901.8	795.8	738.9	708.8	686.7	655.0	629.7
57.5°	1329.0	1208.8	1099.6	985.7	818.0	721.5	667.7	631.3	617.0	602.8	579.1
60°	1159.7	1068.0	979.4	884.4	731.0	643.9	591.7	563.2	549.0	539.5	523.7
62.5°	1004.7	933.5	857.5	781.6	642.4	563.2	523.7	495.2	482.6	481.0	466.7
65°	855.9	805.3	743.6	669.3	560.1	490.5	452.5	435.1	420.9	420.9	409.8
67.5°	707.2	672.4	623.4	571.2	485.7	420.9	386.0	370.2	362.3	362.3	354.4
70°	588.6	564.8	520.5	474.6	400.3	351.2	324.3	310.1	305.4	306.9	300.6
72.5°	477.8	452.5	416.1	382.9	327.5	291.1	272.1	256.3	248.4	250.0	248.4
75°	370.2	357.6	325.9	300.6	256.3	231.0	213.6	205.7	199.4	200.9	197.8
77.5°	278.5	259.5	242.1	224.7	197.8	177.2	163.0	155.1	150.3	150.3	150.3
80°	189.9	186.7	172.5	163.0	140.8	125.0	113.9	112.3	107.6	107.6	107.6
82.5°	123.4	115.5	107.6	101.3	88.6	79.1	74.4	71.2	69.6	68.0	71.2
85°	68.0	63.3	60.1	53.8	49.0	44.3	39.6	38.0	36.4	38.0	36.4
87.5°	26.9	22.2	22.2	20.6	19.0	17.4	17.4	14.2	14.2	12.7	12.7
90°	11.7	9.5	8.4	7.6	5.9	4.2	2.5	0.8	2.5	4.2	5.9
92.5°	15.3	13.8	13.0	13.5	14.5	15.6	16.6	17.6	16.6	15.6	14.5
95°	18.1	16.2	15.3	18.8	25.8	32.8	39.8	46.8	39.8	32.8	25.8
97.5°	50.6	59.3	63.7	66.1	70.8	75.6	80.3	85.1	80.3	75.6	70.8
100°	105.0	131.6	144.9	143.2	139.8	136.4	133.0	129.6	133.0	136.4	139.8
102.5°	145.7	175.4	190.2	189.1	186.9	184.6	182.4	180.2	182.4	184.6	186.9
105°	214.0	229.3	237.0	236.1	234.2	232.3	230.4	228.5	230.4	232.3	234.2
107.5°	290.6	288.1	286.8	286.0	284.5	283.0	281.4	279.9	281.4	283.0	284.5
110°	340.2	338.3	337.4	336.7	335.4	334.0	332.7	331.3	332.7	334.0	335.4

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	388.6	386.7	385.8	385.2	384.0	382.8	381.6	380.4	381.6	382.8	384.0
115°	435.6	434.1	433.3	432.8	431.8	430.7	429.7	428.7	429.7	430.7	431.8
117.5°	482.9	482.0	481.6	481.0	479.8	478.7	477.5	476.3	477.5	478.7	479.8
120°	527.7	527.2	526.9	526.1	524.6	523.1	521.5	520.0	521.5	523.1	524.6
122.5°	570.8	570.1	569.8	569.2	568.0	566.8	565.6	564.4	565.6	566.8	568.0
125°	611.5	610.8	610.5	609.8	608.4	607.1	605.7	604.3	605.7	607.1	608.4
127.5°	651.6	650.7	650.3	649.6	648.3	646.9	645.6	644.2	645.6	646.9	648.3
130°	688.2	687.5	687.2	686.5	685.1	683.8	682.4	681.0	682.4	683.8	685.1
132.5°	723.2	722.7	722.4	721.7	720.4	719.0	717.7	716.3	717.7	719.0	720.4
135°	757.9	757.2	756.9	756.4	755.4	754.3	753.3	752.3	753.3	754.3	755.4
137.5°	789.7	789.4	789.2	788.5	787.1	785.8	784.4	783.0	784.4	785.8	787.1
140°	819.1	818.6	818.3	817.8	816.8	815.7	814.7	813.7	814.7	815.7	816.8
142.5°	847.5	847.0	846.7	846.2	845.2	844.1	843.1	842.1	843.1	844.1	845.2
145°	874.0	873.7	873.5	872.9	871.7	870.5	869.3	868.1	869.3	870.5	871.7
147.5°	897.8	897.5	897.3	896.9	896.0	895.2	894.3	893.5	894.3	895.2	896.0
150°	919.3	919.0	918.8	918.5	918.0	917.5	917.0	916.5	917.0	917.5	918.0
152.5°	938.2	938.0	937.9	937.8	937.7	937.5	937.4	937.2	937.4	937.5	937.7
155°	955.1	954.9	954.8	955.0	955.3	955.6	956.0	956.3	956.0	955.6	955.3
157.5°	971.4	971.6	971.7	971.7	971.7	971.7	971.7	971.7	971.7	971.7	971.7
160°	984.4	984.6	984.7	984.8	985.0	985.1	985.3	985.5	985.3	985.1	985.0
162.5°	996.0	996.1	996.2	996.5	997.0	997.5	998.0	998.5	998.0	997.5	997.0
165°	1005.9	1006.1	1006.2	1006.5	1007.0	1007.5	1008.0	1008.5	1008.0	1007.5	1007.0
167.5°	1013.9	1013.9	1013.9	1014.2	1014.9	1015.6	1016.2	1016.9	1016.2	1015.6	1014.9
170°	1020.8	1020.8	1020.8	1021.1	1021.8	1022.5	1023.1	1023.8	1023.1	1022.5	1021.8
172.5°	1024.9	1024.7	1024.6	1025.0	1025.9	1026.7	1027.6	1028.4	1027.6	1026.7	1025.9
175°	1028.7	1028.5	1028.4	1028.8	1029.7	1030.6	1031.4	1032.3	1031.4	1030.6	1029.7
177.5°	1030.2	1030.1	1030.0	1030.4	1031.3	1032.1	1033.0	1033.8	1033.0	1032.1	1031.3
180°	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3

TEST NUMBER: P1010531

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8
2.5°	1607.5	1605.9	1609.1	1599.6	1583.7	1575.8	1553.7	1548.9	1547.3	1548.9	1550.5
5°	1563.2	1561.6	1556.8	1541.0	1522.0	1507.8	1480.9	1479.3	1469.8	1460.3	1465.1
7.5°	1520.4	1514.1	1504.6	1484.1	1458.7	1442.9	1420.8	1405.0	1392.3	1384.4	1378.1
10°	1477.7	1468.2	1458.7	1431.8	1400.2	1376.5	1349.6	1336.9	1322.7	1316.4	1310.0
12.5°	1422.4	1412.9	1395.5	1363.8	1344.8	1314.8	1287.9	1275.2	1267.3	1254.6	1246.7
15°	1378.1	1359.1	1349.6	1316.4	1276.8	1273.6	1224.6	1221.4	1205.6	1205.6	1192.9
17.5°	1327.4	1313.2	1295.8	1262.6	1234.1	1205.6	1180.3	1170.8	1156.6	1153.4	1147.1
20°	1278.4	1259.4	1253.1	1219.8	1189.8	1155.0	1128.1	1118.6	1112.3	1105.9	1110.7
22.5°	1227.8	1211.9	1196.1	1166.0	1143.9	1109.1	1093.3	1083.8	1074.3	1071.1	1072.7
25°	1178.7	1164.5	1148.6	1118.6	1094.9	1066.4	1052.1	1047.4	1042.6	1042.6	1041.1
27.5°	1131.2	1117.0	1102.8	1075.9	1052.1	1031.6	1020.5	1015.7	1011.0	1014.2	1017.3
30°	1082.2	1069.5	1056.9	1033.1	1014.2	995.2	988.8	985.7	984.1	992.0	992.0
32.5°	1037.9	1026.8	1017.3	995.2	976.2	960.4	955.6	957.2	958.8	963.5	966.7
35°	992.0	984.1	974.6	955.6	939.8	925.6	927.1	927.1	930.3	938.2	944.5
37.5°	950.9	939.8	931.9	916.1	903.4	890.8	895.5	900.2	903.4	912.9	916.1
40°	901.8	897.1	890.8	874.9	863.9	862.3	863.9	867.0	873.3	878.1	882.8
42.5°	862.3	855.9	848.0	835.4	825.9	827.5	829.0	832.2	835.4	843.3	848.0
45°	818.0	813.2	806.9	795.8	787.9	789.5	791.1	791.1	794.2	803.7	806.9
47.5°	768.9	770.5	762.6	751.5	746.8	746.8	746.8	749.9	757.9	761.0	762.6
50°	721.5	718.3	716.7	705.6	702.5	700.9	702.5	704.1	715.1	713.6	718.3
52.5°	670.8	670.8	669.3	662.9	658.2	658.2	655.0	662.9	666.1	669.3	674.0
55°	621.8	617.0	615.5	612.3	606.0	604.4	607.5	617.0	620.2	623.4	628.1
57.5°	568.0	568.0	564.8	560.1	560.1	560.1	560.1	566.4	571.2	574.3	583.8
60°	518.9	512.6	507.9	507.9	507.9	506.3	515.8	515.8	525.3	526.9	530.0
62.5°	460.4	457.2	454.1	455.7	454.1	457.2	460.4	466.7	468.3	473.1	477.8
65°	405.0	405.0	401.9	411.4	405.0	405.0	412.9	412.9	416.1	420.9	427.2
67.5°	351.2	352.8	349.7	349.7	352.8	354.4	356.0	362.3	363.9	370.2	378.1
70°	295.9	299.0	300.6	297.4	300.6	303.8	306.9	308.5	314.8	318.0	322.8
72.5°	246.8	250.0	245.2	246.8	248.4	251.6	253.1	256.3	259.5	269.0	272.1
75°	197.8	196.2	194.6	200.9	197.8	204.1	205.7	205.7	208.8	216.8	219.9
77.5°	151.9	151.9	153.5	150.3	155.1	153.5	155.1	159.8	164.5	164.5	177.2
80°	106.0	109.2	109.2	109.2	110.8	112.3	109.2	117.1	118.7	118.7	123.4
82.5°	68.0	69.6	68.0	71.2	71.2	74.4	72.8	74.4	77.5	80.7	82.3
85°	36.4	36.4	39.6	39.6	38.0	39.6	38.0	39.6	42.7	42.7	44.3
87.5°	12.7	12.7	12.7	12.7	14.2	12.7	14.2	14.2	12.7	12.7	17.4
90°	7.6	8.4	9.5	11.7	14.0	16.2	18.4	19.1	19.8	20.5	21.2
92.5°	13.5	13.0	13.8	15.3	16.8	18.4	19.9	21.1	22.3	23.5	24.7
95°	18.8	15.3	16.2	18.1	20.0	21.9	23.8	25.0	26.2	27.3	28.5
97.5°	66.1	63.7	59.3	50.6	41.9	33.2	24.5	25.9	27.3	28.6	30.0
100°	143.2	144.9	131.6	105.0	78.5	51.9	25.3	26.7	28.0	29.4	30.7
102.5°	189.1	190.2	175.4	145.7	116.1	86.4	56.8	51.2	45.5	39.9	34.2
105°	236.1	237.0	229.3	214.0	198.7	183.3	168.0	137.8	107.6	77.5	47.3
107.5°	286.0	286.8	288.1	290.6	293.2	295.7	298.3	272.1	245.8	219.6	193.3
110°	336.7	337.4	338.3	340.2	342.1	344.0	345.9	340.3	334.7	329.0	323.4

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	385.2	385.8	386.7	388.6	390.5	392.3	394.2	395.7	397.3	398.8	400.3
115°	432.8	433.3	434.1	435.6	437.1	438.7	440.2	441.9	443.6	445.3	447.0
117.5°	481.0	481.6	482.0	482.9	483.8	484.6	485.5	486.9	488.2	489.6	490.9
120°	526.1	526.9	527.2	527.7	528.2	528.7	529.2	530.6	531.9	533.3	534.6
122.5°	569.2	569.8	570.1	570.8	571.5	572.2	572.9	573.7	574.6	575.4	576.3
125°	609.8	610.5	610.8	611.5	612.2	612.8	613.5	613.9	614.2	614.6	614.9
127.5°	649.6	650.3	650.7	651.6	652.5	653.3	654.2	654.7	655.2	655.7	656.2
130°	686.5	687.2	687.5	688.2	688.9	689.5	690.2	690.9	691.6	692.3	693.0
132.5°	721.7	722.4	722.7	723.2	723.7	724.2	724.7	725.4	726.1	726.8	727.5
135°	756.4	756.9	757.2	757.9	758.6	759.3	760.0	760.5	761.0	761.5	762.0
137.5°	788.5	789.2	789.4	789.7	790.0	790.4	790.7	791.5	792.4	793.2	794.1
140°	817.8	818.3	818.6	819.1	819.6	820.1	820.6	821.3	822.0	822.7	823.4
142.5°	846.2	846.7	847.0	847.5	848.0	848.5	849.0	849.5	850.0	850.5	851.0
145°	872.9	873.5	873.7	874.0	874.3	874.7	875.0	875.4	875.7	876.1	876.4
147.5°	896.9	897.3	897.5	897.8	898.1	898.5	898.8	899.2	899.5	899.9	900.2
150°	918.5	918.8	919.0	919.3	919.6	920.0	920.3	920.6	921.0	921.3	921.6
152.5°	937.8	937.9	938.0	938.2	938.3	938.5	938.7	939.4	940.1	940.8	941.5
155°	955.0	954.8	954.9	955.1	955.2	955.4	955.6	956.4	957.3	958.1	959.0
157.5°	971.7	971.7	971.6	971.4	971.3	971.1	970.9	971.9	972.9	974.0	975.0
160°	984.8	984.7	984.6	984.4	984.3	984.1	983.9	984.9	985.9	987.0	988.0
162.5°	996.5	996.2	996.1	996.0	995.8	995.7	995.5	996.7	997.9	999.0	1000.2
165°	1006.5	1006.2	1006.1	1005.9	1005.8	1005.6	1005.4	1006.8	1008.2	1009.5	1010.9
167.5°	1014.2	1013.9	1013.9	1013.9	1013.9	1013.9	1013.9	1015.3	1016.6	1018.0	1019.3
170°	1021.1	1020.8	1020.8	1020.8	1020.8	1020.8	1020.8	1022.2	1023.5	1024.9	1026.2
172.5°	1025.0	1024.6	1024.7	1024.9	1025.0	1025.2	1025.4	1026.8	1028.1	1029.5	1030.8
175°	1028.8	1028.4	1028.5	1028.7	1028.8	1029.0	1029.2	1030.4	1031.6	1032.8	1034.0
177.5°	1030.4	1030.0	1030.1	1030.2	1030.4	1030.5	1030.7	1032.1	1033.5	1034.8	1036.2
180°	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8
2.5°	1548.9	1550.5	1544.2	1539.4	1552.1	1544.2	1544.2	1545.8	1542.6	1547.3	1545.8
5°	1461.9	1463.5	1452.4	1455.6	1449.3	1447.7	1446.1	1455.6	1454.0	1452.4	1455.6
7.5°	1376.5	1376.5	1371.7	1368.6	1368.6	1363.8	1370.1	1368.6	1371.7	1371.7	1376.5
10°	1305.3	1308.4	1300.5	1292.6	1291.0	1292.6	1292.6	1294.2	1295.8	1306.9	1305.3
12.5°	1246.7	1242.0	1240.4	1235.7	1227.8	1224.6	1221.4	1238.8	1234.1	1234.1	1234.1
15°	1181.9	1192.9	1191.4	1177.1	1174.0	1180.3	1177.1	1177.1	1192.9	1191.4	1189.8
17.5°	1147.1	1143.9	1140.7	1132.8	1134.4	1132.8	1134.4	1134.4	1143.9	1143.9	1143.9
20°	1107.5	1101.2	1101.2	1098.0	1098.0	1093.3	1099.6	1101.2	1107.5	1107.5	1109.1
22.5°	1072.7	1068.0	1068.0	1066.4	1069.5	1063.2	1069.5	1071.1	1071.1	1075.9	1075.9
25°	1042.6	1039.5	1039.5	1042.6	1042.6	1042.6	1042.6	1049.0	1044.2	1045.8	1044.2
27.5°	1015.7	1017.3	1018.9	1020.5	1018.9	1020.5	1022.1	1025.2	1026.8	1025.2	1022.1
30°	990.4	995.2	996.8	996.8	999.9	1001.5	1003.1	1003.1	1004.7	999.9	1003.1
32.5°	971.4	971.4	974.6	976.2	979.4	980.9	980.9	984.1	982.5	977.8	979.4
35°	944.5	944.5	950.9	954.0	958.8	957.2	958.8	958.8	960.4	957.2	952.5
37.5°	917.6	920.8	920.8	927.1	928.7	930.3	928.7	931.9	930.3	927.1	925.6
40°	886.0	884.4	886.0	890.8	892.3	892.3	892.3	895.5	895.5	895.5	893.9
42.5°	846.5	851.2	849.6	854.4	852.8	852.8	855.9	859.1	860.7	855.9	857.5
45°	808.5	808.5	811.6	811.6	813.2	813.2	819.6	816.4	819.6	816.4	818.0
47.5°	767.3	768.9	768.9	770.5	773.7	776.8	773.7	775.3	775.3	776.8	773.7
50°	721.5	721.5	724.6	729.4	735.7	732.5	731.0	737.3	732.5	732.5	729.4
52.5°	674.0	678.7	680.3	685.1	689.8	691.4	693.0	689.8	691.4	686.7	688.2
55°	628.1	629.7	636.0	640.8	645.5	645.5	643.9	645.5	647.1	640.8	640.8
57.5°	582.2	587.0	593.3	593.3	599.6	599.6	598.1	598.1	599.6	594.9	593.3
60°	533.2	537.9	545.8	545.8	555.3	556.9	553.8	550.6	550.6	545.8	547.4
62.5°	481.0	485.7	490.5	498.4	504.7	501.5	507.9	501.5	503.1	493.6	493.6
65°	435.1	436.7	444.6	452.5	452.5	455.7	452.5	454.1	449.3	449.3	443.0
67.5°	381.3	381.3	389.2	397.1	405.0	405.0	405.0	400.3	400.3	395.5	395.5
70°	333.8	332.3	340.2	344.9	349.7	351.2	348.1	346.5	343.3	338.6	337.0
72.5°	275.3	278.5	286.4	289.5	297.4	295.9	303.8	294.3	294.3	286.4	284.8
75°	223.1	226.2	234.2	238.9	243.7	243.7	248.4	243.7	237.3	234.2	232.6
77.5°	177.2	175.6	181.9	189.9	191.4	189.9	193.0	191.4	185.1	185.1	181.9
80°	126.6	131.3	137.6	136.1	142.4	140.8	140.8	137.6	137.6	132.9	136.1
82.5°	83.9	88.6	90.2	88.6	90.2	93.3	94.9	93.3	93.3	90.2	91.8
85°	44.3	44.3	47.5	49.0	47.5	47.5	49.0	53.8	50.6	47.5	50.6
87.5°	14.2	12.7	12.7	14.2	12.7	12.7	14.2	14.2	15.8	15.8	15.8
90°	21.5	21.7	22.0	22.3	22.7	23.0	22.7	22.3	22.0	21.7	21.5
92.5°	25.3	25.4	25.6	25.7	25.9	26.1	25.9	25.7	25.6	25.4	25.3
95°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
97.5°	30.7	30.8	30.9	31.1	31.2	31.4	31.2	31.1	30.9	30.8	30.7
100°	31.4	31.5	31.7	31.8	32.0	32.2	32.0	31.8	31.7	31.5	31.4
102.5°	31.4	31.6	31.9	32.3	32.6	33.0	32.6	32.3	31.9	31.6	31.4
105°	32.2	32.4	32.7	33.0	33.4	33.7	33.4	33.0	32.7	32.4	32.2
107.5°	180.2	169.0	146.7	124.4	102.1	79.8	102.1	124.4	146.7	169.0	180.2
110°	320.6	308.4	284.0	259.7	235.3	210.9	235.3	259.7	284.0	308.4	320.6

TEST NUMBER: P1010531

CATALOG NUMBER: S123DIP-B1165D805UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	401.1	400.9	400.6	400.3	399.9	399.6	399.9	400.3	400.6	400.9	401.1
115°	447.9	448.2	448.9	449.6	450.2	450.9	450.2	449.6	448.9	448.2	447.9
117.5°	491.6	491.7	491.9	492.0	492.2	492.4	492.2	492.0	491.9	491.7	491.6
120°	535.3	535.3	535.3	535.3	535.3	535.3	535.3	535.3	535.3	535.3	535.3
122.5°	576.7	576.8	577.0	577.1	577.3	577.5	577.3	577.1	577.0	576.8	576.7
125°	615.1	615.3	615.6	615.9	616.3	616.6	616.3	615.9	615.6	615.3	615.1
127.5°	656.5	656.3	656.0	655.6	655.3	654.9	655.3	655.6	656.0	656.3	656.5
130°	693.3	693.1	692.8	692.5	692.1	691.8	692.1	692.5	692.8	693.1	693.3
132.5°	727.8	727.5	727.0	726.5	726.0	725.5	726.0	726.5	727.0	727.5	727.8
135°	762.3	762.0	761.5	761.0	760.5	760.0	760.5	761.0	761.5	762.0	762.3
137.5°	794.5	794.3	794.0	793.7	793.3	793.0	793.3	793.7	794.0	794.3	794.5
140°	823.7	823.5	823.2	822.8	822.5	822.1	822.5	822.8	823.2	823.5	823.7
142.5°	851.3	851.0	850.5	850.0	849.5	849.0	849.5	850.0	850.5	851.0	851.3
145°	876.6	876.6	876.6	876.6	876.6	876.6	876.6	876.6	876.6	876.6	876.6
147.5°	900.4	900.0	899.1	898.2	897.4	896.5	897.4	898.2	899.1	900.0	900.4
150°	921.8	921.5	921.0	920.5	920.0	919.5	920.0	920.5	921.0	921.5	921.8
152.5°	941.8	941.4	940.5	939.6	938.8	937.9	938.8	939.6	940.5	941.4	941.8
155°	959.4	958.9	957.9	956.8	955.8	954.8	955.8	956.8	957.9	958.9	959.4
157.5°	975.5	974.8	973.5	972.1	970.8	969.4	970.8	972.1	973.5	974.8	975.5
160°	988.5	987.9	986.7	985.6	984.4	983.2	984.4	985.6	986.7	987.9	988.5
162.5°	1000.8	1000.3	999.3	998.2	997.2	996.2	997.2	998.2	999.3	1000.3	1000.8
165°	1011.6	1011.0	1009.8	1008.6	1007.4	1006.2	1007.4	1008.6	1009.8	1011.0	1011.6
167.5°	1020.0	1019.3	1018.0	1016.6	1015.3	1013.9	1015.3	1016.6	1018.0	1019.3	1020.0
170°	1026.9	1026.2	1024.9	1023.5	1022.2	1020.8	1022.2	1023.5	1024.9	1026.2	1026.9
172.5°	1031.5	1030.7	1029.2	1027.7	1026.1	1024.6	1026.1	1027.7	1029.2	1030.7	1031.5
175°	1034.6	1033.9	1032.5	1031.2	1029.8	1028.4	1029.8	1031.2	1032.5	1033.9	1034.6
177.5°	1036.9	1036.0	1034.3	1032.6	1030.9	1029.2	1030.9	1032.6	1034.3	1036.0	1036.9
180°	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3

TEST NUMBER: P1010531

CATALOG NUMBER: S123DIP-B1165D805UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8	1632.8
2.5°	1550.5	1553.7	1555.3	1548.9	1544.2	1552.1	1563.2	1571.1	1577.4	1585.3	1590.1
5°	1458.7	1469.8	1469.8	1473.0	1477.7	1485.6	1506.2	1520.4	1533.1	1542.6	1550.5
7.5°	1381.2	1389.1	1393.9	1401.8	1409.7	1420.8	1444.5	1465.1	1484.1	1495.1	1507.8
10°	1311.6	1317.9	1325.8	1330.6	1344.8	1360.7	1390.7	1408.1	1430.3	1447.7	1463.5
12.5°	1245.2	1267.3	1272.1	1270.5	1283.1	1300.5	1330.6	1357.5	1381.2	1398.6	1416.0
15°	1197.7	1205.6	1215.1	1213.5	1240.4	1245.2	1270.5	1302.1	1333.8	1344.8	1360.7
17.5°	1145.5	1158.1	1167.6	1172.4	1180.3	1197.7	1221.4	1245.2	1286.3	1287.9	1329.0
20°	1104.3	1117.0	1123.3	1129.7	1134.4	1155.0	1175.5	1202.4	1235.7	1253.1	1275.2
22.5°	1077.4	1083.8	1088.5	1093.3	1099.6	1110.7	1136.0	1166.0	1188.2	1207.2	1221.4
25°	1045.8	1052.1	1058.5	1061.6	1066.4	1072.7	1091.7	1115.4	1147.1	1159.7	1174.0
27.5°	1023.7	1023.7	1026.8	1026.8	1033.1	1039.5	1053.7	1075.9	1101.2	1117.0	1136.0
30°	999.9	998.3	999.9	998.3	996.8	1006.2	1018.9	1037.9	1055.3	1074.3	1086.9
32.5°	976.2	974.6	974.6	976.2	969.9	974.6	980.9	998.3	1017.3	1026.8	1041.1
35°	950.9	947.7	947.7	947.7	944.5	941.4	947.7	963.5	976.2	988.8	999.9
37.5°	925.6	920.8	920.8	917.6	914.5	909.7	909.7	922.4	939.8	944.5	958.8
40°	890.8	890.8	887.6	886.0	882.8	879.7	874.9	886.0	901.8	906.6	917.6
42.5°	855.9	851.2	849.6	849.6	849.6	844.9	841.7	849.6	859.1	867.0	873.3
45°	816.4	813.2	814.8	813.2	810.1	808.5	806.9	810.1	821.1	824.3	832.2
47.5°	773.7	772.1	772.1	770.5	768.9	770.5	764.2	772.1	775.3	778.4	784.7
50°	729.4	727.8	726.2	724.6	724.6	726.2	724.6	724.6	731.0	734.1	740.4
52.5°	685.1	680.3	680.3	678.7	678.7	675.6	678.7	680.3	683.5	686.7	689.8
55°	637.6	637.6	632.9	632.9	629.7	629.7	631.3	629.7	636.0	639.2	639.2
57.5°	591.7	585.4	587.0	583.8	580.7	579.1	579.1	582.2	585.4	585.4	588.6
60°	542.7	536.4	534.8	528.4	531.6	526.9	528.4	528.4	534.8	531.6	534.8
62.5°	493.6	485.7	481.0	477.8	477.8	479.4	476.2	474.6	477.8	481.0	487.3
65°	441.4	436.7	431.9	427.2	427.2	425.6	428.8	424.0	422.4	424.0	427.2
67.5°	387.6	382.9	378.1	373.4	375.0	370.2	367.1	371.8	368.6	370.2	373.4
70°	335.4	332.3	322.8	319.6	318.0	319.6	318.0	314.8	319.6	318.0	319.6
72.5°	283.2	280.0	275.3	267.4	267.4	265.8	264.2	264.2	262.6	262.6	262.6
75°	232.6	226.2	221.5	219.9	216.8	215.2	213.6	210.4	212.0	213.6	210.4
77.5°	180.4	172.5	170.9	170.9	166.1	166.1	167.7	166.1	164.5	164.5	164.5
80°	132.9	126.6	126.6	123.4	120.2	120.2	120.2	120.2	118.7	117.1	118.7
82.5°	85.4	83.9	82.3	82.3	85.4	79.1	82.3	80.7	79.1	79.1	77.5
85°	47.5	49.0	47.5	49.0	45.9	47.5	47.5	47.5	45.9	47.5	44.3
87.5°	17.4	17.4	17.4	19.0	19.0	19.0	19.0	19.0	20.6	19.0	19.0
90°	21.2	20.5	19.8	19.1	18.4	16.2	14.0	11.7	9.5	8.4	7.6
92.5°	24.7	23.5	22.3	21.1	19.9	18.4	16.8	15.3	13.8	13.0	13.5
95°	28.5	27.3	26.2	25.0	23.8	21.9	20.0	18.1	16.2	15.3	18.8
97.5°	30.0	28.6	27.3	25.9	24.5	33.2	41.9	50.6	59.3	63.7	66.1
100°	30.7	29.4	28.0	26.7	25.3	51.9	78.5	105.0	131.6	144.9	143.2
102.5°	34.2	39.9	45.5	51.2	56.8	86.4	116.1	145.7	175.4	190.2	189.1
105°	47.3	77.5	107.6	137.8	168.0	183.3	198.7	214.0	229.3	237.0	236.1
107.5°	193.3	219.6	245.8	272.1	298.3	295.7	293.2	290.6	288.1	286.8	286.0
110°	323.4	329.0	334.7	340.3	345.9	344.0	342.1	340.2	338.3	337.4	336.7

TEST NUMBER: P1010531

CATALOG NUMBER: S123DIP-B1165D805UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	400.3	398.8	397.3	395.7	394.2	392.3	390.5	388.6	386.7	385.8	385.2
115°	447.0	445.3	443.6	441.9	440.2	438.7	437.1	435.6	434.1	433.3	432.8
117.5°	490.9	489.6	488.2	486.9	485.5	484.6	483.8	482.9	482.0	481.6	481.0
120°	534.6	533.3	531.9	530.6	529.2	528.7	528.2	527.7	527.2	526.9	526.1
122.5°	576.3	575.4	574.6	573.7	572.9	572.2	571.5	570.8	570.1	569.8	569.2
125°	614.9	614.6	614.2	613.9	613.5	612.8	612.2	611.5	610.8	610.5	609.8
127.5°	656.2	655.7	655.2	654.7	654.2	653.3	652.5	651.6	650.7	650.3	649.6
130°	693.0	692.3	691.6	690.9	690.2	689.5	688.9	688.2	687.5	687.2	686.5
132.5°	727.5	726.8	726.1	725.4	724.7	724.2	723.7	723.2	722.7	722.4	721.7
135°	762.0	761.5	761.0	760.5	760.0	759.3	758.6	757.9	757.2	756.9	756.4
137.5°	794.1	793.2	792.4	791.5	790.7	790.4	790.0	789.7	789.4	789.2	788.5
140°	823.4	822.7	822.0	821.3	820.6	820.1	819.6	819.1	818.6	818.3	817.8
142.5°	851.0	850.5	850.0	849.5	849.0	848.5	848.0	847.5	847.0	846.7	846.2
145°	876.4	876.1	875.7	875.4	875.0	874.7	874.3	874.0	873.7	873.5	872.9
147.5°	900.2	899.9	899.5	899.2	898.8	898.5	898.1	897.8	897.5	897.3	896.9
150°	921.6	921.3	921.0	920.6	920.3	920.0	919.6	919.3	919.0	918.8	918.5
152.5°	941.5	940.8	940.1	939.4	938.7	938.5	938.3	938.2	938.0	937.9	937.8
155°	959.0	958.1	957.3	956.4	955.6	955.4	955.2	955.1	954.9	954.8	955.0
157.5°	975.0	974.0	972.9	971.9	970.9	971.1	971.3	971.4	971.6	971.7	971.7
160°	988.0	987.0	985.9	984.9	983.9	984.1	984.3	984.4	984.6	984.7	984.8
162.5°	1000.2	999.0	997.9	996.7	995.5	995.7	995.8	996.0	996.1	996.2	996.5
165°	1010.9	1009.5	1008.2	1006.8	1005.4	1005.6	1005.8	1005.9	1006.1	1006.2	1006.5
167.5°	1019.3	1018.0	1016.6	1015.3	1013.9	1013.9	1013.9	1013.9	1013.9	1013.9	1014.2
170°	1026.2	1024.9	1023.5	1022.2	1020.8	1020.8	1020.8	1020.8	1020.8	1020.8	1021.1
172.5°	1030.8	1029.5	1028.1	1026.8	1025.4	1025.2	1025.0	1024.9	1024.7	1024.6	1025.0
175°	1034.0	1032.8	1031.6	1030.4	1029.2	1029.0	1028.8	1028.7	1028.5	1028.4	1028.8
177.5°	1036.2	1034.8	1033.5	1032.1	1030.7	1030.5	1030.4	1030.2	1030.1	1030.0	1030.4
180°	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1632.8	1632.8	1632.8	1632.8
2.5°	1598.0	1602.7	1618.5	1637.5
5°	1566.3	1579.0	1601.1	1631.2
7.5°	1531.5	1550.5	1582.2	1620.1
10°	1492.0	1518.9	1558.4	1605.9
12.5°	1449.3	1484.1	1534.7	1583.7
15°	1422.4	1457.2	1503.0	1556.8
17.5°	1370.1	1411.3	1458.7	1534.7
20°	1316.4	1362.2	1423.9	1499.9
22.5°	1275.2	1324.3	1382.8	1463.5
25°	1226.2	1276.8	1340.1	1423.9
27.5°	1174.0	1224.6	1295.8	1384.4
30°	1134.4	1183.5	1251.5	1346.4
32.5°	1086.9	1134.4	1205.6	1305.3
35°	1033.1	1086.9	1155.0	1256.2
37.5°	992.0	1041.1	1112.3	1208.8
40°	947.7	990.4	1060.0	1155.0
42.5°	900.2	947.7	1007.8	1102.8
45°	855.9	890.8	952.5	1042.6
47.5°	808.5	848.0	895.5	965.1
50°	757.9	791.1	843.3	890.8
52.5°	708.8	735.7	780.0	816.4
55°	656.6	683.5	716.7	738.9
57.5°	607.5	626.5	648.7	662.9
60°	547.4	566.4	580.7	594.9
62.5°	493.6	507.9	515.8	523.7
65°	438.3	446.2	450.9	457.2
67.5°	378.1	386.0	387.6	397.1
70°	322.8	324.3	327.5	332.3
72.5°	270.5	273.7	272.1	275.3
75°	216.8	219.9	216.8	219.9
77.5°	164.5	167.7	167.7	172.5
80°	118.7	120.2	121.8	121.8
82.5°	77.5	82.3	79.1	80.7
85°	44.3	45.9	45.9	47.5
87.5°	20.6	22.2	20.6	23.7
90°	5.9	4.2	2.5	0.8
92.5°	14.5	15.6	16.6	17.6
95°	25.8	32.8	39.8	46.8
97.5°	70.8	75.6	80.3	85.1
100°	139.8	136.4	133.0	129.6
102.5°	186.9	184.6	182.4	180.2
105°	234.2	232.3	230.4	228.5
107.5°	284.5	283.0	281.4	279.9
110°	335.4	334.0	332.7	331.3

TEST NUMBER: P1010531

CATALOG NUMBER: S123DIP-B1165D805UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	384.0	382.8	381.6	380.4
115°	431.8	430.7	429.7	428.7
117.5°	479.8	478.7	477.5	476.3
120°	524.6	523.1	521.5	520.0
122.5°	568.0	566.8	565.6	564.4
125°	608.4	607.1	605.7	604.3
127.5°	648.3	646.9	645.6	644.2
130°	685.1	683.8	682.4	681.0
132.5°	720.4	719.0	717.7	716.3
135°	755.4	754.3	753.3	752.3
137.5°	787.1	785.8	784.4	783.0
140°	816.8	815.7	814.7	813.7
142.5°	845.2	844.1	843.1	842.1
145°	871.7	870.5	869.3	868.1
147.5°	896.0	895.2	894.3	893.5
150°	918.0	917.5	917.0	916.5
152.5°	937.7	937.5	937.4	937.2
155°	955.3	955.6	956.0	956.3
157.5°	971.7	971.7	971.7	971.7
160°	985.0	985.1	985.3	985.5
162.5°	997.0	997.5	998.0	998.5
165°	1007.0	1007.5	1008.0	1008.5
167.5°	1014.9	1015.6	1016.2	1016.9
170°	1021.8	1022.5	1023.1	1023.8
172.5°	1025.9	1026.7	1027.6	1028.4
175°	1029.7	1030.6	1031.4	1032.3
177.5°	1031.3	1032.1	1033.0	1033.8
180°	1032.3	1032.3	1032.3	1032.3

(END OF REPORT)