

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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: P999218

Luminaire Tested: SA2XXDIP-B865D925UB2750-4F0-XX-W2A-A_2700K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P999218
REPORT IS A COMBINATION OF REPORTS P984967 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXDIP-B865D925UB2750-4F0-XX-W2A-A_2700K
Description: Define 2 Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

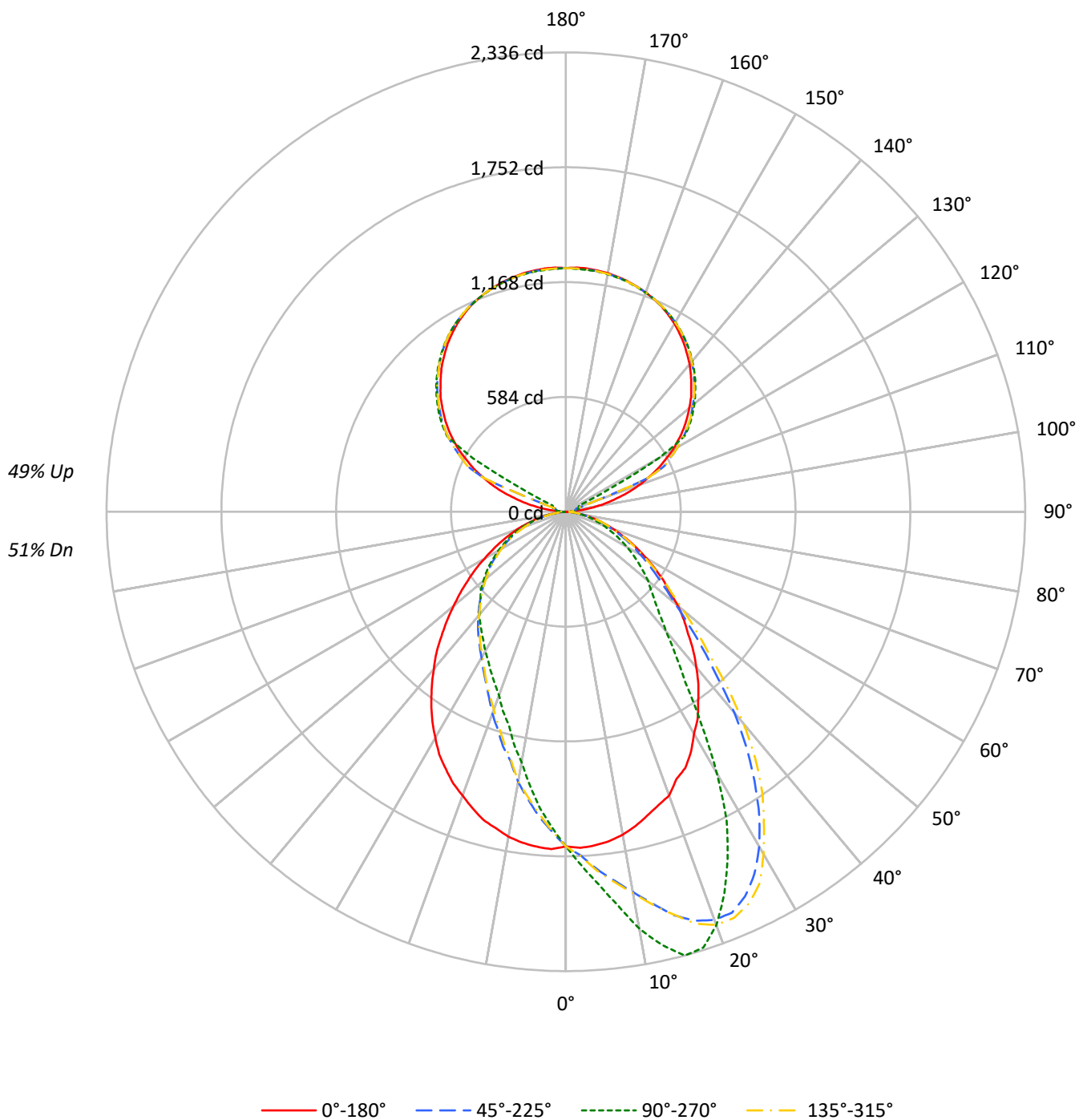
Lumens per Lamp: N/A
Luminaire Lumens: 7388.0 lumens
Efficiency: N/A
Efficacy: 98.1 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 75.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



TEST NUMBER: P999218

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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	107	107	107	107	99	99	99	99		84	84	84		70	70	70		57	57	57
1	98	94	91	87	91	87	84	81		74	72	70		62	61	59		51	50	49
2	90	83	77	72	83	77	72	67		66	62	59		55	52	50		46	44	42
3	82	73	66	61	76	68	62	57		58	54	50		49	46	43		41	38	36
4	76	65	58	52	70	61	54	49		52	47	43		44	40	37		37	34	32
5	70	58	50	45	64	54	47	42		47	41	37		40	36	33		33	30	28
6	64	53	45	39	59	49	42	37		42	37	33		36	32	29		30	27	25
7	60	48	40	34	55	45	38	33		39	33	29		33	29	26		28	25	22
8	55	43	36	31	51	41	34	29		35	30	26		30	26	23		26	23	20
9	52	40	32	27	48	37	31	26		33	27	23		28	24	21		24	21	18
10	48	37	29	25	45	34	28	24		30	25	21		26	22	19		22	19	17

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	26934	26934	26934	26934
5°	26998	28717	27101	22848
10°	26685	31350	26851	18836
15°	26038	33067	26399	15866
20°	25631	31047	25631	13791
25°	24814	26673	24926	12333
30°	23470	20967	23917	11171
35°	22279	14498	22651	10221
40°	20911	10946	21150	9463
45°	19224	8995	19538	8646
50°	17763	7896	17796	7915
55°	16100	6728	16204	7120
60°	14326	5619	14526	6215
65°	12737	4571	12972	5307
70°	11156	3586	11442	4279
75°	9364	2603	9728	3105
80°	7305	1650	7832	1842
85°	4803	830	5170	616

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 27842 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	162.1	2.2
10°-20°	471.7	6.4
20°-30°	684.6	9.3
30°-40°	721.7	9.8
40°-50°	638.6	8.6
50°-60°	509.9	6.9
60°-70°	346.4	4.7
70°-80°	177.2	2.4
80°-90°	44.1	0.6
90°-100°	40.9	0.6
100°-110°	152.3	2.1
110°-120°	403.9	5.5
120°-130°	669.8	9.1
130°-140°	711.5	9.6
140°-150°	661.3	9.0
150°-160°	531.6	7.2
160°-170°	342.6	4.6
170°-180°	117.9	1.6
0°-30°	1318.3	17.8
0°-40°	2040.0	27.6
0°-60°	3188.6	43.2
0°-90°	3756.2	50.8
90°-120°	597.0	8.1
90°-150°	2639.7	35.7
90°-180°	3632.0	49.2
0°-180°	7388.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1702	1702	1702	1702	1702	
5°	1703	1900	1709	1512	1703	161
15°	1600	2336	1622	1121	1600	452
25°	1437	1946	1444	900	1437	657
35°	1173	1059	1193	747	1173	734
45°	880	638	895	613	880	683
55°	604	449	608	475	604	539
65°	358	276	365	320	358	356
75°	167	136	174	162	167	180
85°	34	35	37	26	34	40
90°	1	24	1	24	1	5
95°	58	38	58	38	58	69
105°	272	68	272	68	272	291
115°	515	74	515	74	515	507
125°	729	766	729	766	729	650
135°	902	931	902	931	902	697
145°	1046	1062	1046	1062	1046	654
155°	1152	1153	1152	1153	1152	531
165°	1214	1211	1214	1211	1214	343
175°	1242	1234	1242	1234	1242	118
180°	1239	1239	1239	1239	1239	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5
2.5°	1710.6	1714.6	1721.1	1722.4	1735.5	1746.0	1757.7	1757.7	1761.6	1760.3	1749.9
5°	1702.8	1714.6	1731.6	1746.0	1769.5	1780.0	1795.7	1807.4	1817.9	1825.7	1824.4
7.5°	1689.7	1710.6	1735.5	1763.0	1794.3	1812.7	1834.9	1855.8	1870.2	1883.3	1892.4
10°	1667.5	1702.8	1736.8	1773.4	1814.0	1838.8	1865.0	1892.4	1914.7	1939.5	1963.1
12.5°	1637.4	1688.4	1730.3	1778.6	1828.3	1855.8	1897.7	1918.6	1961.7	2024.5	2041.5
15°	1599.5	1668.8	1708.0	1769.5	1834.9	1857.1	1914.7	1948.7	2037.6	2076.8	2123.9
17.5°	1564.2	1641.3	1693.6	1764.3	1828.3	1871.5	1927.7	1997.1	2071.6	2127.8	2180.2
20°	1535.4	1609.9	1672.7	1751.2	1832.3	1887.2	1946.1	2029.8	2110.8	2168.4	2208.9
22.5°	1470.0	1565.5	1638.7	1726.3	1824.4	1900.3	1956.5	2048.1	2135.7	2171.0	2206.3
25°	1437.3	1519.7	1604.7	1704.1	1819.2	1909.4	1957.8	2059.8	2137.0	2150.1	2157.9
27.5°	1377.1	1470.0	1569.4	1683.2	1817.9	1893.7	1955.2	2048.1	2109.5	2100.4	2076.8
30°	1302.6	1416.4	1526.2	1649.2	1799.6	1882.0	1939.5	2024.5	2055.9	2008.8	1967.0
32.5°	1247.7	1354.9	1476.5	1619.1	1778.6	1857.1	1913.4	1980.1	1986.6	1901.6	1831.0
35°	1173.1	1292.1	1429.5	1579.9	1743.3	1814.0	1866.3	1906.8	1875.4	1756.4	1672.7
37.5°	1106.4	1224.1	1370.6	1523.6	1694.9	1764.3	1806.1	1812.7	1735.5	1630.9	1507.9
40°	1033.2	1154.8	1307.8	1468.7	1641.3	1701.5	1727.6	1708.0	1596.9	1475.2	1332.7
42.5°	959.9	1080.3	1245.1	1409.8	1573.3	1624.3	1634.8	1581.2	1445.2	1302.6	1137.8
45°	880.2	1005.7	1170.5	1336.6	1494.9	1523.6	1524.9	1447.8	1286.9	1137.8	984.8
47.5°	814.8	931.2	1094.7	1260.7	1394.1	1413.8	1405.9	1317.0	1141.7	974.3	840.9
50°	742.8	854.0	1016.2	1179.7	1293.4	1298.7	1279.1	1152.2	980.9	827.9	721.9
52.5°	665.7	778.2	927.3	1084.2	1186.2	1178.4	1140.4	1004.4	843.6	716.7	635.6
55°	604.2	703.6	843.6	996.6	1068.5	1046.3	1004.4	865.8	738.9	631.7	561.1
57.5°	536.2	623.8	761.2	894.6	936.4	915.5	873.6	744.2	626.5	545.4	498.3
60°	472.1	551.9	672.2	783.4	816.1	793.9	745.5	629.1	544.1	476.1	440.7
62.5°	413.3	482.6	583.3	685.3	698.4	676.1	634.3	540.1	466.9	413.3	387.1
65°	358.3	423.7	504.8	582.0	593.8	570.2	527.1	459.0	397.6	363.6	338.7
67.5°	304.7	357.0	429.0	485.2	491.7	469.5	434.2	379.3	341.3	304.7	286.4
70°	257.6	296.9	353.1	398.9	401.5	380.6	362.3	312.6	283.8	257.6	243.3
72.5°	211.9	239.3	282.5	316.5	317.8	304.7	287.7	256.3	231.5	213.2	198.8
75°	167.4	190.9	217.1	247.2	245.9	235.4	222.3	202.7	181.8	170.0	163.5
77.5°	128.2	142.6	163.5	183.1	183.1	177.9	170.0	155.6	142.6	130.8	124.2
80°	91.5	100.7	117.7	124.2	126.9	125.6	119.0	108.5	103.3	94.2	91.5
82.5°	58.9	65.4	73.2	79.8	83.7	81.1	79.8	74.5	66.7	64.1	61.5
85°	34.0	36.6	40.5	44.5	45.8	44.5	47.1	43.2	39.2	39.2	37.9
87.5°	14.4	15.7	18.3	18.3	19.6	19.6	18.3	19.6	19.6	18.3	17.0
90°	0.9	3.1	5.3	7.5	9.7	10.8	11.6	13.2	14.7	16.3	17.9
92.5°	22.4	21.6	20.8	20.0	19.2	18.8	19.1	19.7	20.3	20.9	21.5
95°	58.3	51.7	45.1	38.6	32.0	28.7	29.4	30.8	32.2	33.6	35.0
97.5°	104.9	88.6	72.2	55.9	39.6	31.4	33.0	36.2	39.3	42.5	45.7
100°	158.7	131.4	104.1	76.8	49.5	35.9	37.6	41.0	44.3	47.7	51.1
102.5°	217.8	217.4	217.0	216.6	216.2	216.0	197.9	161.6	125.4	89.1	52.9
105°	272.5	278.5	284.5	290.4	296.4	299.4	272.2	217.8	163.5	109.1	54.7
107.5°	336.2	341.2	346.2	351.1	356.1	358.6	325.0	257.9	190.8	123.6	56.5
110°	397.1	401.3	405.5	409.6	413.8	415.9	387.1	329.6	272.0	214.5	156.9

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	454.5	458.1	461.7	465.2	468.8	470.6	468.9	465.5	462.2	458.8	455.4
115°	515.4	518.8	522.2	525.6	529.0	530.7	533.2	538.2	543.1	548.1	553.1
117.5°	568.3	572.3	576.3	580.2	584.2	586.2	587.9	591.3	594.7	598.1	601.5
120°	627.5	630.5	633.5	636.4	639.4	640.9	642.7	646.3	649.9	653.5	657.1
122.5°	677.7	680.9	684.1	687.2	690.4	692.0	694.0	698.0	702.0	706.0	710.0
125°	728.8	731.4	734.0	736.5	739.1	740.4	742.3	746.1	749.9	753.7	757.5
127.5°	775.4	778.2	781.0	783.7	786.5	787.9	789.4	792.4	795.4	798.4	801.4
130°	819.3	822.5	825.7	828.9	832.1	833.7	834.8	837.0	839.1	841.3	843.5
132.5°	864.1	866.7	869.3	871.9	874.5	875.8	876.9	879.1	881.2	883.4	885.6
135°	901.8	905.0	908.2	911.3	914.5	916.1	917.0	918.8	920.6	922.4	924.2
137.5°	941.2	943.6	946.0	948.4	950.8	952.0	953.0	955.0	956.9	958.9	960.9
140°	979.8	981.4	983.0	984.5	986.1	986.9	988.0	990.2	992.4	994.6	996.8
142.5°	1012.0	1013.4	1014.8	1016.2	1017.6	1018.3	1019.6	1022.2	1024.8	1027.4	1030.0
145°	1046.1	1045.9	1045.7	1045.5	1045.3	1045.2	1046.9	1050.3	1053.6	1057.0	1060.4
147.5°	1075.7	1075.1	1074.5	1073.9	1073.3	1073.0	1074.7	1078.1	1081.4	1084.8	1088.2
150°	1104.4	1103.0	1101.6	1100.2	1098.8	1098.1	1099.7	1102.9	1106.0	1109.2	1112.4
152.5°	1128.6	1127.0	1125.4	1123.8	1122.2	1121.4	1122.9	1125.9	1128.8	1131.8	1134.8
155°	1151.9	1150.1	1148.3	1146.5	1144.7	1143.8	1145.0	1147.4	1149.8	1152.2	1154.6
157.5°	1170.7	1169.1	1167.5	1165.9	1164.3	1163.5	1164.4	1166.2	1168.0	1169.8	1171.6
160°	1186.8	1185.6	1184.4	1183.3	1182.1	1181.5	1182.1	1183.3	1184.4	1185.6	1186.8
162.5°	1201.2	1200.0	1198.8	1197.6	1196.4	1195.8	1196.3	1197.3	1198.3	1199.3	1200.3
165°	1213.7	1212.5	1211.3	1210.2	1209.0	1208.4	1208.7	1209.3	1209.8	1210.4	1211.0
167.5°	1223.6	1222.4	1221.2	1220.0	1218.8	1218.2	1218.5	1219.1	1219.7	1220.3	1220.9
170°	1231.7	1230.5	1229.3	1228.1	1226.9	1226.3	1226.5	1226.9	1227.3	1227.7	1228.1
172.5°	1237.0	1235.8	1234.6	1233.5	1232.3	1231.7	1231.9	1232.3	1232.7	1233.1	1233.5
175°	1241.5	1240.1	1238.7	1237.3	1235.9	1235.2	1235.4	1235.8	1236.2	1236.6	1237.0
177.5°	1243.3	1241.9	1240.5	1239.1	1237.7	1237.0	1237.1	1237.3	1237.5	1237.7	1237.9
180°	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5
2.5°	1768.2	1769.5	1772.1	1785.2	1791.7	1793.0	1787.8	1799.6	1803.5	1799.6	1797.0
5°	1851.9	1859.7	1875.4	1892.4	1891.1	1892.4	1900.3	1908.1	1910.7	1900.3	1904.2
7.5°	1925.1	1940.8	1957.8	1984.0	1984.0	1997.1	2002.3	2008.8	2024.5	2016.7	2014.1
10°	2008.8	2029.8	2061.1	2103.0	2104.3	2117.4	2130.5	2151.4	2157.9	2152.7	2155.3
12.5°	2113.5	2154.0	2156.6	2202.4	2223.3	2225.9	2246.9	2242.9	2256.0	2256.0	2278.2
15°	2159.2	2222.0	2257.3	2301.8	2314.9	2299.2	2316.2	2334.5	2335.8	2335.8	2334.5
17.5°	2241.6	2266.5	2301.8	2325.3	2330.6	2330.6	2331.9	2339.7	2334.5	2324.0	2331.9
20°	2258.6	2269.1	2282.2	2279.5	2282.2	2269.1	2256.0	2242.9	2244.2	2237.7	2257.3
22.5°	2227.2	2224.6	2194.5	2174.9	2174.9	2148.8	2123.9	2112.1	2100.4	2104.3	2110.8
25°	2148.8	2108.2	2071.6	2042.8	2036.3	1994.4	1960.4	1950.0	1930.4	1946.1	1948.7
27.5°	2023.2	1977.4	1918.6	1893.7	1859.7	1842.7	1819.2	1787.8	1747.3	1770.8	1766.9
30°	1888.5	1820.5	1772.1	1712.0	1658.3	1654.4	1609.9	1557.6	1536.7	1536.7	1548.5
32.5°	1738.1	1647.9	1577.2	1492.2	1439.9	1417.7	1364.1	1311.8	1323.5	1284.3	1298.7
35°	1562.9	1443.8	1354.9	1272.5	1233.3	1207.1	1137.8	1109.0	1077.7	1059.3	1093.3
37.5°	1395.5	1258.1	1144.4	1054.1	1039.7	992.6	945.6	927.3	908.9	916.8	915.5
40°	1191.4	1069.8	967.8	897.2	872.3	850.1	818.7	796.5	784.7	791.2	792.5
42.5°	1007.0	905.0	829.2	779.5	758.5	742.8	727.2	708.8	704.9	704.9	710.2
45°	864.5	780.8	729.8	689.2	677.5	665.7	653.9	646.1	643.5	638.2	642.1
47.5°	750.7	684.0	652.6	622.5	609.4	606.8	596.4	592.4	587.2	585.9	587.2
50°	655.2	613.4	584.6	567.6	558.4	554.5	549.3	541.4	538.8	545.4	542.7
52.5°	588.5	549.3	533.6	516.6	511.4	506.1	498.3	499.6	498.3	495.7	495.7
55°	521.8	497.0	481.3	468.2	466.9	461.7	455.1	452.5	451.2	448.6	452.5
57.5°	468.2	448.6	434.2	422.4	417.2	417.2	410.7	405.4	405.4	404.1	405.4
60°	414.6	395.0	385.8	374.0	370.1	368.8	364.9	362.3	358.3	358.3	358.3
62.5°	364.9	349.2	338.7	328.3	329.6	323.0	317.8	315.2	315.2	316.5	316.5
65°	317.8	307.3	294.3	285.1	282.5	281.2	278.6	277.3	273.3	276.0	276.0
67.5°	274.6	260.3	252.4	248.5	244.6	243.3	240.6	238.0	236.7	235.4	238.0
70°	231.5	219.7	213.2	210.6	206.6	205.3	204.0	200.1	201.4	202.7	204.0
72.5°	192.3	181.8	180.5	172.6	172.6	172.6	167.4	170.0	168.7	166.1	168.7
75°	151.7	146.5	143.9	139.9	141.2	139.9	138.6	134.7	134.7	136.0	137.3
77.5°	120.3	115.1	113.8	109.9	107.2	109.9	107.2	105.9	105.9	107.2	107.2
80°	88.9	86.3	82.4	82.4	82.4	81.1	81.1	81.1	79.8	78.5	79.8
82.5°	58.9	58.9	57.5	56.2	57.5	54.9	56.2	56.2	56.2	56.2	56.2
85°	37.9	36.6	36.6	35.3	35.3	35.3	36.6	34.0	34.0	35.3	35.3
87.5°	17.0	17.0	17.0	18.3	17.0	17.0	17.0	18.3	17.0	17.0	17.0
90°	18.9	19.9	20.9	21.9	22.4	22.6	23.0	23.4	23.8	24.2	23.8
92.5°	21.9	22.3	22.7	23.1	23.3	23.4	23.6	23.8	24.0	24.2	24.0
95°	36.0	37.0	37.9	38.9	39.4	39.3	39.1	38.9	38.7	38.5	38.7
97.5°	46.3	46.9	47.5	48.1	48.4	48.5	48.7	48.9	49.1	49.3	49.1
100°	52.7	54.3	55.9	57.5	58.3	58.5	58.9	59.3	59.7	60.1	59.7
102.5°	55.1	57.3	59.4	61.6	62.7	63.0	63.6	64.2	64.8	65.4	64.8
105°	56.9	59.1	61.2	63.4	64.5	64.9	65.7	66.5	67.3	68.1	67.3
107.5°	58.7	60.9	63.0	65.2	66.3	66.7	67.5	68.3	69.1	69.9	69.1
110°	137.0	117.0	97.1	77.2	67.2	67.6	68.4	69.2	70.0	70.8	70.0

TEST NUMBER: P999218

CATALOG NUMBER: SA2XXDIP-B865D925UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	369.5	283.7	197.8	111.9	69.0	69.3	69.9	70.5	71.1	71.7	71.1
115°	460.9	368.6	276.4	184.1	138.0	130.8	116.5	102.2	87.8	73.5	87.8
117.5°	573.0	544.5	516.0	487.5	473.3	447.2	395.0	342.8	290.6	238.4	290.6
120°	659.5	661.9	664.2	666.6	667.8	654.4	627.5	600.6	573.7	546.8	573.7
122.5°	711.2	712.4	713.5	714.7	715.3	715.4	715.6	715.8	716.0	716.2	716.0
125°	758.9	760.3	761.6	763.0	763.7	764.0	764.6	765.2	765.8	766.4	765.8
127.5°	803.4	805.4	807.4	809.4	810.4	810.5	810.7	810.8	811.0	811.2	811.0
130°	845.7	847.9	850.1	852.3	853.4	853.3	853.1	852.9	852.7	852.5	852.7
132.5°	887.4	889.2	891.0	892.8	893.7	893.6	893.4	893.2	893.0	892.8	893.0
135°	926.2	928.2	930.2	932.2	933.2	933.0	932.6	932.2	931.8	931.4	931.8
137.5°	962.9	964.9	966.9	968.9	969.9	969.6	969.0	968.4	967.8	967.2	967.8
140°	998.6	1000.4	1002.2	1004.0	1004.9	1004.4	1003.4	1002.4	1001.4	1000.4	1001.4
142.5°	1031.6	1033.2	1034.7	1036.3	1037.1	1036.6	1035.6	1034.7	1033.7	1032.7	1033.7
145°	1061.8	1063.2	1064.6	1066.0	1066.7	1066.2	1065.2	1064.2	1063.2	1062.2	1063.2
147.5°	1089.2	1090.2	1091.2	1092.2	1092.7	1092.3	1091.5	1090.7	1089.9	1089.1	1089.9
150°	1113.6	1114.8	1116.0	1117.2	1117.8	1117.3	1116.3	1115.3	1114.3	1113.3	1114.3
152.5°	1136.0	1137.2	1138.4	1139.6	1140.2	1139.5	1138.1	1136.8	1135.4	1134.0	1135.4
155°	1155.8	1157.0	1158.1	1159.3	1159.9	1159.1	1157.5	1156.0	1154.4	1152.8	1154.4
157.5°	1173.0	1174.4	1175.8	1177.2	1177.9	1177.1	1175.5	1173.9	1172.3	1170.7	1172.3
160°	1188.0	1189.2	1190.4	1191.6	1192.2	1191.5	1190.1	1188.7	1187.3	1185.9	1187.3
162.5°	1201.7	1203.1	1204.5	1205.9	1206.6	1205.7	1203.9	1202.1	1200.3	1198.5	1200.3
165°	1212.4	1213.8	1215.2	1216.6	1217.3	1216.6	1215.2	1213.8	1212.4	1211.0	1212.4
167.5°	1222.3	1223.7	1225.1	1226.5	1227.2	1226.3	1224.5	1222.7	1220.9	1219.1	1220.9
170°	1229.5	1230.9	1232.2	1233.6	1234.3	1233.4	1231.6	1229.9	1228.1	1226.3	1228.1
172.5°	1234.9	1236.3	1237.6	1239.0	1239.7	1238.8	1237.0	1235.3	1233.5	1231.7	1233.5
175°	1238.4	1239.8	1241.2	1242.6	1243.3	1242.3	1240.3	1238.3	1236.3	1234.3	1236.3
177.5°	1239.3	1240.7	1242.1	1243.5	1244.2	1243.3	1241.5	1239.7	1237.9	1236.1	1237.9
180°	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5
2.5°	1803.5	1794.3	1786.5	1787.8	1794.3	1789.1	1776.0	1759.0	1752.5	1744.6	1752.5
5°	1912.0	1904.2	1888.5	1889.8	1885.9	1880.7	1859.7	1833.6	1833.6	1812.7	1810.0
7.5°	2019.3	2007.5	1997.1	1994.4	1980.1	1969.6	1951.3	1914.7	1900.3	1875.4	1861.0
10°	2139.6	2130.5	2118.7	2104.3	2096.5	2078.1	2048.1	1994.4	1968.3	1934.3	1909.4
12.5°	2261.2	2259.9	2233.8	2205.0	2203.7	2174.9	2154.0	2082.1	2046.8	2001.0	1942.1
15°	2338.4	2331.9	2317.5	2303.1	2307.0	2275.6	2228.5	2143.5	2120.0	2065.1	2002.3
17.5°	2337.1	2337.1	2333.2	2330.6	2326.6	2317.5	2291.3	2235.1	2197.2	2127.8	2069.0
20°	2262.5	2279.5	2283.5	2282.2	2295.2	2301.8	2300.5	2265.2	2235.1	2173.6	2113.5
22.5°	2113.5	2152.7	2169.7	2180.2	2207.6	2222.0	2256.0	2242.9	2235.1	2189.3	2138.3
25°	1974.8	1987.9	2038.9	2041.5	2079.5	2114.8	2148.8	2171.0	2199.8	2182.8	2139.6
27.5°	1795.7	1825.7	1862.4	1889.8	1897.7	1969.6	2025.8	2067.7	2133.1	2138.3	2123.9
30°	1592.9	1607.3	1667.5	1704.1	1746.0	1798.3	1879.4	1951.3	2010.1	2063.8	2082.1
32.5°	1345.8	1404.6	1439.9	1484.4	1521.0	1613.9	1713.3	1806.1	1874.1	1964.4	2003.6
35°	1119.5	1165.3	1225.4	1243.7	1310.4	1388.9	1518.4	1637.4	1740.7	1832.3	1912.0
37.5°	932.5	969.1	1033.2	1062.0	1101.2	1201.9	1310.4	1458.2	1582.5	1694.9	1794.3
40°	804.3	831.8	880.2	889.3	922.0	1013.6	1101.2	1239.8	1404.6	1556.3	1664.9
42.5°	716.7	729.8	762.5	774.2	795.2	856.6	935.1	1065.9	1218.9	1375.8	1528.9
45°	653.9	663.1	682.7	693.2	719.3	746.8	810.9	915.5	1035.8	1194.0	1358.8
47.5°	597.7	609.4	617.3	623.8	638.2	668.3	710.2	787.3	902.4	1047.6	1207.1
50°	550.6	554.5	568.9	570.2	579.4	599.0	638.2	685.3	776.9	894.6	1048.9
52.5°	503.5	507.4	516.6	525.7	529.7	545.4	571.5	610.8	678.8	771.6	908.9
55°	456.4	461.7	470.8	477.4	481.3	494.4	510.1	548.0	601.6	667.0	779.5
57.5°	409.4	421.1	423.7	427.7	434.2	448.6	463.0	485.2	527.1	587.2	669.6
60°	364.9	368.8	378.0	381.9	388.4	396.3	414.6	431.6	461.7	508.7	583.3
62.5°	319.1	328.3	332.2	336.1	341.3	350.5	362.3	380.6	406.7	444.7	503.5
65°	279.9	281.2	289.0	294.3	299.5	306.0	317.8	334.8	350.5	385.8	429.0
67.5°	241.9	244.6	247.2	252.4	259.0	265.5	276.0	285.1	304.7	328.3	362.3
70°	205.3	205.3	211.9	215.8	214.5	222.3	230.2	240.6	255.0	277.3	304.7
72.5°	172.6	171.3	176.6	177.9	180.5	185.7	190.9	201.4	209.3	226.3	247.2
75°	137.3	139.9	142.6	142.6	146.5	150.4	155.6	160.9	170.0	180.5	196.2
77.5°	108.5	108.5	111.2	112.5	116.4	115.1	120.3	125.6	132.1	141.2	153.0
80°	79.8	82.4	82.4	82.4	83.7	85.0	90.2	94.2	98.1	104.6	109.9
82.5°	56.2	56.2	58.9	58.9	58.9	61.5	61.5	62.8	65.4	69.3	73.2
85°	35.3	35.3	35.3	36.6	35.3	36.6	39.2	37.9	39.2	41.9	41.9
87.5°	17.0	17.0	17.0	17.0	17.0	18.3	17.0	18.3	19.6	19.6	19.6
90°	23.4	23.0	22.6	22.4	21.9	20.9	19.9	18.9	17.9	16.3	14.7
92.5°	23.8	23.6	23.4	23.3	23.1	22.7	22.3	21.9	21.5	20.9	20.3
95°	38.9	39.1	39.3	39.4	38.9	37.9	37.0	36.0	35.0	33.6	32.2
97.5°	48.9	48.7	48.5	48.4	48.1	47.5	46.9	46.3	45.7	42.5	39.3
100°	59.3	58.9	58.5	58.3	57.5	55.9	54.3	52.7	51.1	47.7	44.3
102.5°	64.2	63.6	63.0	62.7	61.6	59.4	57.3	55.1	52.9	49.1	45.4
105°	66.5	65.7	64.9	64.5	63.4	61.2	59.1	56.9	54.7	50.1	46.5
107.5°	68.3	67.5	66.7	66.3	65.2	63.0	60.9	58.7	56.5	52.6	49.0
110°	69.2	68.4	67.6	67.2	77.2	97.1	117.0	137.0	156.9	214.5	272.0

TEST NUMBER: P999218

CATALOG NUMBER: SA2XXDIP-B865D925UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	70.5	69.9	69.3	69.0	111.9	197.8	283.7	369.5	455.4	458.8	462.2
115°	102.2	116.5	130.8	138.0	184.1	276.4	368.6	460.9	553.1	548.1	543.1
117.5°	342.8	395.0	447.2	473.3	487.5	516.0	544.5	573.0	601.5	598.1	594.7
120°	600.6	627.5	654.4	667.8	666.6	664.2	661.9	659.5	657.1	653.5	649.9
122.5°	715.8	715.6	715.4	715.3	714.7	713.5	712.4	711.2	710.0	706.0	702.0
125°	765.2	764.6	764.0	763.7	763.0	761.6	760.3	758.9	757.5	753.7	749.9
127.5°	810.8	810.7	810.5	810.4	809.4	807.4	805.4	803.4	801.4	798.4	795.4
130°	852.9	853.1	853.3	853.4	852.3	850.1	847.9	845.7	843.5	841.3	839.1
132.5°	893.2	893.4	893.6	893.7	892.8	891.0	889.2	887.4	885.6	883.4	881.2
135°	932.2	932.6	933.0	933.2	932.2	930.2	928.2	926.2	924.2	922.4	920.6
137.5°	968.4	969.0	969.6	969.9	968.9	966.9	964.9	962.9	960.9	958.9	956.9
140°	1002.4	1003.4	1004.4	1004.9	1004.0	1002.2	1000.4	998.6	996.8	994.6	992.4
142.5°	1034.7	1035.6	1036.6	1037.1	1036.3	1034.7	1033.2	1031.6	1030.0	1027.4	1024.8
145°	1064.2	1065.2	1066.2	1066.7	1066.0	1064.6	1063.2	1061.8	1060.4	1057.0	1053.6
147.5°	1090.7	1091.5	1092.3	1092.7	1092.2	1091.2	1090.2	1089.2	1088.2	1084.8	1081.4
150°	1115.3	1116.3	1117.3	1117.8	1117.2	1116.0	1114.8	1113.6	1112.4	1109.2	1106.0
152.5°	1136.8	1138.1	1139.5	1140.2	1139.6	1138.4	1137.2	1136.0	1134.8	1131.8	1128.8
155°	1156.0	1157.5	1159.1	1159.9	1159.3	1158.1	1157.0	1155.8	1154.6	1152.2	1149.8
157.5°	1173.9	1175.5	1177.1	1177.9	1177.2	1175.8	1174.4	1173.0	1171.6	1169.8	1168.0
160°	1188.7	1190.1	1191.5	1192.2	1191.6	1190.4	1189.2	1188.0	1186.8	1185.6	1184.4
162.5°	1202.1	1203.9	1205.7	1206.6	1205.9	1204.5	1203.1	1201.7	1200.3	1199.3	1198.3
165°	1213.8	1215.2	1216.6	1217.3	1216.6	1215.2	1213.8	1212.4	1211.0	1210.4	1209.8
167.5°	1222.7	1224.5	1226.3	1227.2	1226.5	1225.1	1223.7	1222.3	1220.9	1220.3	1219.7
170°	1229.9	1231.6	1233.4	1234.3	1233.6	1232.2	1230.9	1229.5	1228.1	1227.7	1227.3
172.5°	1235.3	1237.0	1238.8	1239.7	1239.0	1237.6	1236.3	1234.9	1233.5	1233.1	1232.7
175°	1238.3	1240.3	1242.3	1243.3	1242.6	1241.2	1239.8	1238.4	1237.0	1236.6	1236.2
177.5°	1239.7	1241.5	1243.3	1244.2	1243.5	1242.1	1240.7	1239.3	1237.9	1237.7	1237.5
180°	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8

TEST NUMBER: P999218

CATALOG NUMBER: SA2XXDIP-B865D925UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5
2.5°	1746.0	1739.4	1735.5	1738.1	1730.3	1710.6	1710.6	1717.2	1709.3	1701.5	1689.7
5°	1794.3	1781.3	1773.4	1772.1	1753.8	1722.4	1715.9	1709.3	1692.3	1674.0	1654.4
7.5°	1841.4	1817.9	1804.8	1795.7	1769.5	1729.0	1712.0	1697.6	1670.1	1642.6	1617.8
10°	1880.7	1846.7	1831.0	1816.6	1782.6	1731.6	1704.1	1677.9	1642.6	1607.3	1575.9
12.5°	1912.0	1872.8	1853.2	1832.3	1790.4	1723.7	1689.7	1647.9	1612.6	1565.5	1534.1
15°	1964.4	1883.3	1865.0	1845.3	1802.2	1710.6	1668.8	1621.7	1573.3	1510.5	1476.5
17.5°	2006.2	1897.7	1896.4	1854.5	1798.3	1705.4	1641.3	1579.9	1527.5	1464.8	1411.1
20°	2031.1	1919.9	1899.0	1855.8	1785.2	1670.1	1603.4	1535.4	1479.2	1403.3	1349.7
22.5°	2052.0	1951.3	1896.4	1844.0	1757.7	1658.3	1560.2	1496.2	1419.0	1336.6	1285.6
25°	2059.8	1957.8	1900.3	1840.1	1738.1	1624.3	1513.2	1443.8	1357.5	1283.0	1213.7
27.5°	2061.1	1956.5	1885.9	1823.1	1710.6	1579.9	1466.1	1392.8	1297.4	1211.1	1141.7
30°	2048.1	1942.1	1878.0	1810.0	1684.5	1539.3	1408.5	1327.4	1225.4	1139.1	1067.2
32.5°	2008.8	1913.4	1861.0	1786.5	1650.5	1483.1	1353.6	1263.4	1156.1	1071.1	1001.8
35°	1943.4	1878.0	1820.5	1751.2	1606.0	1430.8	1298.7	1192.7	1084.2	1003.1	937.7
37.5°	1862.4	1827.0	1773.4	1705.4	1555.0	1383.7	1237.2	1119.5	1011.0	932.5	868.4
40°	1752.5	1761.6	1709.3	1647.9	1494.9	1319.6	1157.4	1045.0	942.9	869.7	806.9
42.5°	1633.5	1671.4	1641.3	1582.5	1428.2	1249.0	1098.6	974.3	874.9	799.1	746.8
45°	1505.3	1570.7	1552.4	1509.2	1358.8	1174.4	1014.9	894.6	806.9	733.7	687.9
47.5°	1365.4	1458.2	1458.2	1426.8	1281.7	1099.9	942.9	820.0	733.7	681.4	636.9
50°	1222.8	1327.4	1344.4	1323.5	1195.4	1014.9	855.3	744.2	669.6	618.6	585.9
52.5°	1073.7	1195.4	1226.7	1216.3	1103.8	933.8	783.4	674.8	606.8	562.4	533.6
55°	931.2	1072.4	1106.4	1110.3	1005.7	844.9	703.6	608.1	542.7	512.7	487.8
57.5°	796.5	932.5	970.4	976.9	906.3	763.8	629.1	545.4	486.5	461.7	442.0
60°	681.4	795.2	844.9	859.2	797.8	669.6	559.8	478.7	434.2	410.7	392.3
62.5°	587.2	678.8	731.1	735.0	707.5	587.2	487.8	419.8	381.9	361.0	351.8
65°	495.7	578.1	609.4	625.1	602.9	508.7	421.1	364.9	334.8	316.5	307.3
67.5°	422.4	474.7	500.9	521.8	499.6	429.0	358.3	312.6	290.3	272.0	266.8
70°	346.6	389.7	409.4	430.3	410.7	357.0	306.0	264.2	244.6	230.2	223.6
72.5°	277.3	311.3	329.6	342.7	330.9	286.4	244.6	215.8	201.4	190.9	187.0
75°	219.7	243.3	253.7	262.9	257.6	223.6	197.5	173.9	160.9	151.7	149.1
77.5°	167.4	184.4	196.2	198.8	192.3	170.0	147.8	133.4	122.9	117.7	115.1
80°	119.0	129.5	136.0	139.9	133.4	124.2	108.5	98.1	88.9	82.4	81.1
82.5°	79.8	85.0	90.2	88.9	86.3	78.5	69.3	64.1	60.2	54.9	54.9
85°	45.8	47.1	49.7	51.0	49.7	44.5	39.2	36.6	34.0	30.1	30.1
87.5°	19.6	20.9	20.9	22.2	19.6	19.6	17.0	14.4	14.4	13.1	11.8
90°	13.2	11.6	10.8	9.7	7.5	5.3	3.1	0.9	3.1	5.3	7.5
92.5°	19.7	19.1	18.8	19.2	20.0	20.8	21.6	22.4	21.6	20.8	20.0
95°	30.8	29.4	28.7	32.0	38.6	45.1	51.7	58.3	51.7	45.1	38.6
97.5°	36.2	33.0	31.4	39.6	55.9	72.2	88.6	104.9	88.6	72.2	55.9
100°	41.0	37.6	35.9	49.5	76.8	104.1	131.4	158.7	131.4	104.1	76.8
102.5°	161.6	197.9	216.0	216.2	216.6	217.0	217.4	217.8	217.4	217.0	216.6
105°	217.8	272.2	299.4	296.4	290.4	284.5	278.5	272.5	278.5	284.5	290.4
107.5°	257.9	325.0	358.6	356.1	351.1	346.2	341.2	336.2	341.2	346.2	351.1
110°	329.6	387.1	415.9	413.8	409.6	405.5	401.3	397.1	401.3	405.5	409.6

TEST NUMBER: P999218

CATALOG NUMBER: SA2XXDIP-B865D925UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	465.5	468.9	470.6	468.8	465.2	461.7	458.1	454.5	458.1	461.7	465.2
115°	538.2	533.2	530.7	529.0	525.6	522.2	518.8	515.4	518.8	522.2	525.6
117.5°	591.3	587.9	586.2	584.2	580.2	576.3	572.3	568.3	572.3	576.3	580.2
120°	646.3	642.7	640.9	639.4	636.4	633.5	630.5	627.5	630.5	633.5	636.4
122.5°	698.0	694.0	692.0	690.4	687.2	684.1	680.9	677.7	680.9	684.1	687.2
125°	746.1	742.3	740.4	739.1	736.5	734.0	731.4	728.8	731.4	734.0	736.5
127.5°	792.4	789.4	787.9	786.5	783.7	781.0	778.2	775.4	778.2	781.0	783.7
130°	837.0	834.8	833.7	832.1	828.9	825.7	822.5	819.3	822.5	825.7	828.9
132.5°	879.1	876.9	875.8	874.5	871.9	869.3	866.7	864.1	866.7	869.3	871.9
135°	918.8	917.0	916.1	914.5	911.3	908.2	905.0	901.8	905.0	908.2	911.3
137.5°	955.0	953.0	952.0	950.8	948.4	946.0	943.6	941.2	943.6	946.0	948.4
140°	990.2	988.0	986.9	986.1	984.5	983.0	981.4	979.8	981.4	983.0	984.5
142.5°	1022.2	1019.6	1018.3	1017.6	1016.2	1014.8	1013.4	1012.0	1013.4	1014.8	1016.2
145°	1050.3	1046.9	1045.2	1045.3	1045.5	1045.7	1045.9	1046.1	1045.9	1045.7	1045.5
147.5°	1078.1	1074.7	1073.0	1073.3	1073.9	1074.5	1075.1	1075.7	1075.1	1074.5	1073.9
150°	1102.9	1099.7	1098.1	1098.8	1100.2	1101.6	1103.0	1104.4	1103.0	1101.6	1100.2
152.5°	1125.9	1122.9	1121.4	1122.2	1123.8	1125.4	1127.0	1128.6	1127.0	1125.4	1123.8
155°	1147.4	1145.0	1143.8	1144.7	1146.5	1148.3	1150.1	1151.9	1150.1	1148.3	1146.5
157.5°	1166.2	1164.4	1163.5	1164.3	1165.9	1167.5	1169.1	1170.7	1169.1	1167.5	1165.9
160°	1183.3	1182.1	1181.5	1182.1	1183.3	1184.4	1185.6	1186.8	1185.6	1184.4	1183.3
162.5°	1197.3	1196.3	1195.8	1196.4	1197.6	1198.8	1200.0	1201.2	1200.0	1198.8	1197.6
165°	1209.3	1208.7	1208.4	1209.0	1210.2	1211.3	1212.5	1213.7	1212.5	1211.3	1210.2
167.5°	1219.1	1218.5	1218.2	1218.8	1220.0	1221.2	1222.4	1223.6	1222.4	1221.2	1220.0
170°	1226.9	1226.5	1226.3	1226.9	1228.1	1229.3	1230.5	1231.7	1230.5	1229.3	1228.1
172.5°	1232.3	1231.9	1231.7	1232.3	1233.5	1234.6	1235.8	1237.0	1235.8	1234.6	1233.5
175°	1235.8	1235.4	1235.2	1235.9	1237.3	1238.7	1240.1	1241.5	1240.1	1238.7	1237.3
177.5°	1237.3	1237.1	1237.0	1237.7	1239.1	1240.5	1241.9	1243.3	1241.9	1240.5	1239.1
180°	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8

TEST NUMBER: P999218

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5
2.5°	1683.2	1689.7	1688.4	1675.3	1660.9	1649.2	1626.9	1629.6	1621.7	1623.0	1630.9
5°	1641.3	1641.3	1636.1	1617.8	1594.2	1581.2	1556.3	1549.8	1534.1	1532.8	1531.5
7.5°	1596.9	1590.3	1583.8	1557.6	1528.9	1507.9	1473.9	1466.1	1450.4	1439.9	1434.7
10°	1544.5	1535.4	1522.3	1492.2	1456.9	1430.8	1395.5	1385.0	1354.9	1341.8	1334.0
12.5°	1487.0	1481.8	1460.8	1436.0	1378.5	1349.7	1298.7	1309.1	1279.1	1252.9	1249.0
15°	1429.5	1409.8	1398.1	1357.5	1288.2	1275.1	1234.6	1213.7	1186.2	1165.3	1165.3
17.5°	1373.2	1343.1	1317.0	1273.8	1222.8	1186.2	1156.1	1145.7	1111.7	1090.7	1086.8
20°	1298.7	1264.7	1258.1	1196.7	1161.4	1120.8	1092.0	1065.9	1041.0	1031.9	1025.3
22.5°	1228.1	1188.8	1178.4	1126.0	1090.7	1050.2	1021.4	1003.1	984.8	978.3	966.5
25°	1152.2	1128.7	1113.0	1056.7	1017.5	979.6	959.9	946.9	929.9	928.6	920.7
27.5°	1079.0	1056.7	1041.0	987.4	958.6	923.3	907.6	893.2	884.1	880.2	876.2
30°	1016.2	991.3	973.0	933.8	898.5	869.7	856.6	847.5	842.2	835.7	834.4
32.5°	946.9	932.5	907.6	877.6	850.1	822.6	814.8	808.2	800.4	797.8	796.5
35°	888.0	868.4	852.7	818.7	806.9	783.4	774.2	769.0	758.5	755.9	753.3
37.5°	830.5	812.2	795.2	774.2	752.0	738.9	733.7	725.8	720.6	721.9	719.3
40°	772.9	758.5	745.5	723.2	710.2	703.6	693.2	685.3	682.7	684.0	682.7
42.5°	716.7	703.6	695.8	678.8	665.7	659.1	652.6	644.8	648.7	648.7	652.6
45°	665.7	653.9	648.7	635.6	627.8	617.3	610.8	609.4	614.7	613.4	613.4
47.5°	613.4	609.4	602.9	591.1	580.7	574.1	572.8	572.8	578.1	580.7	579.4
50°	572.8	565.0	557.1	548.0	540.1	537.5	533.6	536.2	541.4	541.4	544.1
52.5°	521.8	516.6	514.0	506.1	500.9	500.9	500.9	502.2	506.1	510.1	508.7
55°	477.4	473.4	470.8	466.9	460.4	461.7	460.4	463.0	466.9	470.8	473.4
57.5°	430.3	429.0	426.4	419.8	419.8	418.5	422.4	423.7	430.3	432.9	436.8
60°	388.4	384.5	384.5	379.3	379.3	379.3	383.2	387.1	392.3	393.7	396.3
62.5°	344.0	344.0	342.7	338.7	338.7	342.7	344.0	349.2	351.8	351.8	355.7
65°	302.1	300.8	299.5	300.8	302.1	302.1	306.0	308.6	311.3	312.6	313.9
67.5°	260.3	259.0	261.6	260.3	262.9	268.1	266.8	270.7	274.6	274.6	276.0
70°	221.0	223.6	222.3	224.9	223.6	226.3	230.2	231.5	231.5	232.8	236.7
72.5°	184.4	184.4	184.4	183.1	184.4	187.0	189.6	190.9	193.6	194.9	198.8
75°	149.1	149.1	146.5	149.1	149.1	151.7	154.3	154.3	154.3	156.9	160.9
77.5°	112.5	113.8	112.5	115.1	115.1	116.4	119.0	117.7	120.3	121.6	122.9
80°	82.4	81.1	81.1	81.1	82.4	82.4	85.0	86.3	86.3	90.2	87.6
82.5°	52.3	53.6	52.3	53.6	53.6	54.9	53.6	54.9	56.2	58.9	57.5
85°	30.1	28.8	28.8	30.1	28.8	28.8	30.1	28.8	30.1	28.8	30.1
87.5°	11.8	10.5	10.5	10.5	10.5	9.2	9.2	7.8	7.8	7.8	6.5
90°	9.7	10.8	11.6	13.2	14.7	16.3	17.9	18.9	19.9	20.9	21.9
92.5°	19.2	18.8	19.1	19.7	20.3	20.9	21.5	21.9	22.3	22.7	23.1
95°	32.0	28.7	29.4	30.8	32.2	33.6	35.0	36.0	37.0	37.9	38.9
97.5°	39.6	31.4	33.0	36.2	39.3	42.5	45.7	46.3	46.9	47.5	48.1
100°	49.5	35.9	37.6	41.0	44.3	47.7	51.1	52.7	54.3	55.9	57.5
102.5°	216.2	216.0	197.9	161.6	125.4	89.1	52.9	55.1	57.3	59.4	61.6
105°	296.4	299.4	272.2	217.8	163.5	109.1	54.7	56.9	59.1	61.2	63.4
107.5°	356.1	358.6	325.0	257.9	190.8	123.6	56.5	58.7	60.9	63.0	65.2
110°	413.8	415.9	387.1	329.6	272.0	214.5	156.9	137.0	117.0	97.1	77.2

TEST NUMBER: P999218

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	468.8	470.6	468.9	465.5	462.2	458.8	455.4	369.5	283.7	197.8	111.9
115°	529.0	530.7	533.2	538.2	543.1	548.1	553.1	460.9	368.6	276.4	184.1
117.5°	584.2	586.2	587.9	591.3	594.7	598.1	601.5	573.0	544.5	516.0	487.5
120°	639.4	640.9	642.7	646.3	649.9	653.5	657.1	659.5	661.9	664.2	666.6
122.5°	690.4	692.0	694.0	698.0	702.0	706.0	710.0	711.2	712.4	713.5	714.7
125°	739.1	740.4	742.3	746.1	749.9	753.7	757.5	758.9	760.3	761.6	763.0
127.5°	786.5	787.9	789.4	792.4	795.4	798.4	801.4	803.4	805.4	807.4	809.4
130°	832.1	833.7	834.8	837.0	839.1	841.3	843.5	845.7	847.9	850.1	852.3
132.5°	874.5	875.8	876.9	879.1	881.2	883.4	885.6	887.4	889.2	891.0	892.8
135°	914.5	916.1	917.0	918.8	920.6	922.4	924.2	926.2	928.2	930.2	932.2
137.5°	950.8	952.0	953.0	955.0	956.9	958.9	960.9	962.9	964.9	966.9	968.9
140°	986.1	986.9	988.0	990.2	992.4	994.6	996.8	998.6	1000.4	1002.2	1004.0
142.5°	1017.6	1018.3	1019.6	1022.2	1024.8	1027.4	1030.0	1031.6	1033.2	1034.7	1036.3
145°	1045.3	1045.2	1046.9	1050.3	1053.6	1057.0	1060.4	1061.8	1063.2	1064.6	1066.0
147.5°	1073.3	1073.0	1074.7	1078.1	1081.4	1084.8	1088.2	1089.2	1090.2	1091.2	1092.2
150°	1098.8	1098.1	1099.7	1102.9	1106.0	1109.2	1112.4	1113.6	1114.8	1116.0	1117.2
152.5°	1122.2	1121.4	1122.9	1125.9	1128.8	1131.8	1134.8	1136.0	1137.2	1138.4	1139.6
155°	1144.7	1143.8	1145.0	1147.4	1149.8	1152.2	1154.6	1155.8	1157.0	1158.1	1159.3
157.5°	1164.3	1163.5	1164.4	1166.2	1168.0	1169.8	1171.6	1173.0	1174.4	1175.8	1177.2
160°	1182.1	1181.5	1182.1	1183.3	1184.4	1185.6	1186.8	1188.0	1189.2	1190.4	1191.6
162.5°	1196.4	1195.8	1196.3	1197.3	1198.3	1199.3	1200.3	1201.7	1203.1	1204.5	1205.9
165°	1209.0	1208.4	1208.7	1209.3	1209.8	1210.4	1211.0	1212.4	1213.8	1215.2	1216.6
167.5°	1218.8	1218.2	1218.5	1219.1	1219.7	1220.3	1220.9	1222.3	1223.7	1225.1	1226.5
170°	1226.9	1226.3	1226.5	1226.9	1227.3	1227.7	1228.1	1229.5	1230.9	1232.2	1233.6
172.5°	1232.3	1231.7	1231.9	1232.3	1232.7	1233.1	1233.5	1234.9	1236.3	1237.6	1239.0
175°	1235.9	1235.2	1235.4	1235.8	1236.2	1236.6	1237.0	1238.4	1239.8	1241.2	1242.6
177.5°	1237.7	1237.0	1237.1	1237.3	1237.5	1237.7	1237.9	1239.3	1240.7	1242.1	1243.5
180°	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5
2.5°	1621.7	1625.6	1616.5	1613.9	1616.5	1607.3	1609.9	1612.6	1612.6	1616.5	1619.1
5°	1527.5	1522.3	1513.2	1510.5	1507.9	1511.9	1509.2	1513.2	1514.5	1523.6	1524.9
7.5°	1434.7	1426.8	1419.0	1411.1	1408.5	1402.0	1408.5	1408.5	1417.7	1415.1	1421.6
10°	1324.8	1323.5	1313.1	1309.1	1303.9	1293.4	1307.8	1303.9	1310.4	1322.2	1324.8
12.5°	1243.7	1229.4	1235.9	1217.6	1224.1	1213.7	1215.0	1215.0	1225.4	1226.7	1224.1
15°	1166.6	1154.8	1137.8	1130.0	1126.0	1120.8	1137.8	1139.1	1131.3	1149.6	1143.0
17.5°	1088.1	1088.1	1072.4	1068.5	1058.0	1063.3	1060.7	1062.0	1059.3	1072.4	1079.0
20°	1020.1	1013.6	1008.3	1009.6	996.6	994.0	991.3	994.0	1003.1	1012.3	1014.9
22.5°	965.2	961.3	948.2	950.8	940.3	944.3	941.6	948.2	949.5	949.5	958.6
25°	912.9	907.6	908.9	903.7	899.8	899.8	895.9	899.8	905.0	907.6	908.9
27.5°	873.6	869.7	863.2	859.2	861.9	855.3	860.6	864.5	864.5	861.9	864.5
30°	826.5	829.2	829.2	816.1	821.3	818.7	822.6	825.2	825.2	826.5	823.9
32.5°	795.2	787.3	786.0	784.7	784.7	779.5	779.5	783.4	784.7	786.0	789.9
35°	753.3	753.3	746.8	750.7	745.5	746.8	745.5	746.8	749.4	745.5	749.4
37.5°	715.4	716.7	714.1	716.7	718.0	715.4	712.8	718.0	715.4	715.4	712.8
40°	682.7	681.4	682.7	682.7	682.7	684.0	681.4	681.4	681.4	678.8	676.1
42.5°	655.2	647.4	650.0	651.3	647.4	647.4	648.7	647.4	651.3	643.5	643.5
45°	616.0	613.4	614.7	614.7	617.3	613.4	616.0	617.3	613.4	612.1	609.4
47.5°	580.7	583.3	580.7	583.3	583.3	585.9	580.7	582.0	583.3	578.1	574.1
50°	545.4	545.4	549.3	548.0	549.3	546.7	546.7	545.4	546.7	544.1	540.1
52.5°	512.7	508.7	515.3	514.0	512.7	511.4	510.1	511.4	508.7	506.1	506.1
55°	472.1	472.1	476.1	477.4	477.4	474.7	472.1	473.4	472.1	470.8	469.5
57.5°	439.4	434.2	436.8	438.1	438.1	434.2	436.8	434.2	434.2	435.5	431.6
60°	397.6	397.6	395.0	398.9	398.9	396.3	396.3	397.6	395.0	393.7	392.3
62.5°	353.1	354.4	358.3	359.7	361.0	358.3	355.7	357.0	357.0	353.1	354.4
65°	315.2	317.8	323.0	321.7	319.1	320.4	317.8	319.1	315.2	316.5	312.6
67.5°	278.6	277.3	278.6	278.6	281.2	279.9	277.3	277.3	276.0	279.9	276.0
70°	239.3	239.3	239.3	239.3	240.6	241.9	239.3	236.7	238.0	235.4	234.1
72.5°	198.8	200.1	198.8	201.4	197.5	200.1	200.1	198.8	197.5	197.5	197.5
75°	160.9	163.5	159.6	160.9	159.6	162.2	160.9	160.9	158.2	156.9	158.2
77.5°	122.9	124.2	121.6	122.9	121.6	122.9	122.9	121.6	121.6	121.6	121.6
80°	87.6	88.9	87.6	86.3	85.0	87.6	85.0	86.3	87.6	86.3	88.9
82.5°	56.2	56.2	54.9	56.2	53.6	53.6	54.9	54.9	53.6	56.2	53.6
85°	27.5	27.5	30.1	27.5	26.2	26.2	26.2	27.5	26.2	28.8	27.5
87.5°	6.5	5.2	6.5	6.5	5.2	5.2	6.5	5.2	6.5	7.8	5.2
90°	22.4	22.6	23.0	23.4	23.8	24.2	23.8	23.4	23.0	22.6	22.4
92.5°	23.3	23.4	23.6	23.8	24.0	24.2	24.0	23.8	23.6	23.4	23.3
95°	39.4	39.3	39.1	38.9	38.7	38.5	38.7	38.9	39.1	39.3	39.4
97.5°	48.4	48.5	48.7	48.9	49.1	49.3	49.1	48.9	48.7	48.5	48.4
100°	58.3	58.5	58.9	59.3	59.7	60.1	59.7	59.3	58.9	58.5	58.3
102.5°	62.7	63.0	63.6	64.2	64.8	65.4	64.8	64.2	63.6	63.0	62.7
105°	64.5	64.9	65.7	66.5	67.3	68.1	67.3	66.5	65.7	64.9	64.5
107.5°	66.3	66.7	67.5	68.3	69.1	69.9	69.1	68.3	67.5	66.7	66.3
110°	67.2	67.6	68.4	69.2	70.0	70.8	70.0	69.2	68.4	67.6	67.2

TEST NUMBER: P999218

CATALOG NUMBER: SA2XXDIP-B865D925UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	69.0	69.3	69.9	70.5	71.1	71.7	71.1	70.5	69.9	69.3	69.0
115°	138.0	130.8	116.5	102.2	87.8	73.5	87.8	102.2	116.5	130.8	138.0
117.5°	473.3	447.2	395.0	342.8	290.6	238.4	290.6	342.8	395.0	447.2	473.3
120°	667.8	654.4	627.5	600.6	573.7	546.8	573.7	600.6	627.5	654.4	667.8
122.5°	715.3	715.4	715.6	715.8	716.0	716.2	716.0	715.8	715.6	715.4	715.3
125°	763.7	764.0	764.6	765.2	765.8	766.4	765.8	765.2	764.6	764.0	763.7
127.5°	810.4	810.5	810.7	810.8	811.0	811.2	811.0	810.8	810.7	810.5	810.4
130°	853.4	853.3	853.1	852.9	852.7	852.5	852.7	852.9	853.1	853.3	853.4
132.5°	893.7	893.6	893.4	893.2	893.0	892.8	893.0	893.2	893.4	893.6	893.7
135°	933.2	933.0	932.6	932.2	931.8	931.4	931.8	932.2	932.6	933.0	933.2
137.5°	969.9	969.6	969.0	968.4	967.8	967.2	967.8	968.4	969.0	969.6	969.9
140°	1004.9	1004.4	1003.4	1002.4	1001.4	1000.4	1001.4	1002.4	1003.4	1004.4	1004.9
142.5°	1037.1	1036.6	1035.6	1034.7	1033.7	1032.7	1033.7	1034.7	1035.6	1036.6	1037.1
145°	1066.7	1066.2	1065.2	1064.2	1063.2	1062.2	1063.2	1064.2	1065.2	1066.2	1066.7
147.5°	1092.7	1092.3	1091.5	1090.7	1089.9	1089.1	1089.9	1090.7	1091.5	1092.3	1092.7
150°	1117.8	1117.3	1116.3	1115.3	1114.3	1113.3	1114.3	1115.3	1116.3	1117.3	1117.8
152.5°	1140.2	1139.5	1138.1	1136.8	1135.4	1134.0	1135.4	1136.8	1138.1	1139.5	1140.2
155°	1159.9	1159.1	1157.5	1156.0	1154.4	1152.8	1154.4	1156.0	1157.5	1159.1	1159.9
157.5°	1177.9	1177.1	1175.5	1173.9	1172.3	1170.7	1172.3	1173.9	1175.5	1177.1	1177.9
160°	1192.2	1191.5	1190.1	1188.7	1187.3	1185.9	1187.3	1188.7	1190.1	1191.5	1192.2
162.5°	1206.6	1205.7	1203.9	1202.1	1200.3	1198.5	1200.3	1202.1	1203.9	1205.7	1206.6
165°	1217.3	1216.6	1215.2	1213.8	1212.4	1211.0	1212.4	1213.8	1215.2	1216.6	1217.3
167.5°	1227.2	1226.3	1224.5	1222.7	1220.9	1219.1	1220.9	1222.7	1224.5	1226.3	1227.2
170°	1234.3	1233.4	1231.6	1229.9	1228.1	1226.3	1228.1	1229.9	1231.6	1233.4	1234.3
172.5°	1239.7	1238.8	1237.0	1235.3	1233.5	1231.7	1233.5	1235.3	1237.0	1238.8	1239.7
175°	1243.3	1242.3	1240.3	1238.3	1236.3	1234.3	1236.3	1238.3	1240.3	1242.3	1243.3
177.5°	1244.2	1243.3	1241.5	1239.7	1237.9	1236.1	1237.9	1239.7	1241.5	1243.3	1244.2
180°	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5
2.5°	1615.2	1625.6	1621.7	1607.3	1624.3	1624.3	1636.1	1636.1	1650.5	1655.7	1663.6
5°	1523.6	1531.5	1538.0	1531.5	1543.2	1561.5	1572.0	1581.2	1600.8	1608.6	1620.4
7.5°	1425.5	1439.9	1446.5	1446.5	1466.1	1487.0	1507.9	1521.0	1548.5	1558.9	1570.7
10°	1330.1	1347.1	1360.1	1358.8	1391.5	1404.6	1430.8	1460.8	1488.3	1504.0	1521.0
12.5°	1229.4	1238.5	1256.8	1283.0	1290.8	1314.4	1344.4	1382.4	1432.1	1446.5	1471.3
15°	1145.7	1170.5	1184.9	1196.7	1215.0	1237.2	1269.9	1306.5	1356.2	1387.6	1413.8
17.5°	1075.0	1107.7	1116.9	1114.3	1137.8	1171.8	1209.7	1237.2	1281.7	1319.6	1344.4
20°	1017.5	1030.6	1046.3	1052.8	1071.1	1107.7	1144.4	1175.7	1212.4	1242.4	1271.2
22.5°	959.9	970.4	983.5	995.3	1009.6	1030.6	1065.9	1105.1	1140.4	1169.2	1201.9
25°	912.9	919.4	931.2	940.3	956.0	970.4	995.3	1038.4	1080.3	1097.3	1126.0
27.5°	867.1	872.3	880.2	890.6	898.5	912.9	935.1	970.4	1013.6	1030.6	1069.8
30°	826.5	830.5	838.3	843.6	847.5	864.5	881.5	908.9	941.6	965.2	994.0
32.5°	788.6	792.5	800.4	801.7	806.9	816.1	831.8	856.6	885.4	905.0	929.9
35°	746.8	749.4	757.2	759.8	763.8	771.6	783.4	801.7	827.9	842.2	864.5
37.5°	714.1	712.8	718.0	721.9	727.2	731.1	735.0	753.3	772.9	786.0	803.0
40°	678.8	676.1	677.5	682.7	685.3	690.5	690.5	708.8	721.9	732.4	745.5
42.5°	643.5	642.1	639.5	642.1	644.8	646.1	647.4	660.5	673.5	682.7	697.1
45°	608.1	606.8	604.2	605.5	605.5	608.1	612.1	617.3	626.5	634.3	642.1
47.5°	575.4	572.8	568.9	567.6	570.2	570.2	570.2	575.4	584.6	587.2	595.1
50°	541.4	537.5	532.3	529.7	529.7	528.4	531.0	532.3	540.1	542.7	549.3
52.5°	504.8	502.2	497.0	491.7	493.1	490.4	491.7	493.1	495.7	499.6	503.5
55°	468.2	463.0	459.0	457.7	453.8	453.8	449.9	455.1	453.8	455.1	460.4
57.5°	432.9	427.7	421.1	418.5	414.6	413.3	410.7	409.4	410.7	414.6	418.5
60°	391.0	388.4	384.5	380.6	378.0	374.0	371.4	371.4	370.1	370.1	371.4
62.5°	350.5	349.2	344.0	342.7	340.0	337.4	333.5	330.9	330.9	333.5	334.8
65°	311.3	310.0	306.0	304.7	298.2	295.6	294.3	293.0	290.3	290.3	290.3
67.5°	274.6	270.7	270.7	264.2	259.0	256.3	253.7	252.4	252.4	252.4	253.7
70°	234.1	234.1	230.2	226.3	221.0	222.3	218.4	214.5	214.5	211.9	213.2
72.5°	194.9	193.6	189.6	188.3	184.4	180.5	177.9	180.5	176.6	175.2	176.6
75°	156.9	155.6	153.0	150.4	151.7	147.8	143.9	142.6	142.6	139.9	139.9
77.5°	120.3	122.9	117.7	116.4	113.8	111.2	109.9	108.5	108.5	108.5	111.2
80°	83.7	85.0	85.0	82.4	83.7	79.8	79.8	79.8	75.9	77.2	78.5
82.5°	53.6	53.6	52.3	53.6	52.3	52.3	51.0	51.0	49.7	49.7	51.0
85°	30.1	28.8	27.5	30.1	28.8	28.8	27.5	27.5	27.5	27.5	27.5
87.5°	6.5	7.8	7.8	7.8	7.8	9.2	9.2	9.2	10.5	10.5	10.5
90°	21.9	20.9	19.9	18.9	17.9	16.3	14.7	13.2	11.6	10.8	9.7
92.5°	23.1	22.7	22.3	21.9	21.5	20.9	20.3	19.7	19.1	18.8	19.2
95°	38.9	37.9	37.0	36.0	35.0	33.6	32.2	30.8	29.4	28.7	32.0
97.5°	48.1	47.5	46.9	46.3	45.7	42.5	39.3	36.2	33.0	31.4	39.6
100°	57.5	55.9	54.3	52.7	51.1	47.7	44.3	41.0	37.6	35.9	49.5
102.5°	61.6	59.4	57.3	55.1	52.9	89.1	125.4	161.6	197.9	216.0	216.2
105°	63.4	61.2	59.1	56.9	54.7	109.1	163.5	217.8	272.2	299.4	296.4
107.5°	65.2	63.0	60.9	58.7	56.5	123.6	190.8	257.9	325.0	358.6	356.1
110°	77.2	97.1	117.0	137.0	156.9	214.5	272.0	329.6	387.1	415.9	413.8

TEST NUMBER: P999218

CATALOG NUMBER: SA2XXDIP-B865D925UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	111.9	197.8	283.7	369.5	455.4	458.8	462.2	465.5	468.9	470.6	468.8
115°	184.1	276.4	368.6	460.9	553.1	548.1	543.1	538.2	533.2	530.7	529.0
117.5°	487.5	516.0	544.5	573.0	601.5	598.1	594.7	591.3	587.9	586.2	584.2
120°	666.6	664.2	661.9	659.5	657.1	653.5	649.9	646.3	642.7	640.9	639.4
122.5°	714.7	713.5	712.4	711.2	710.0	706.0	702.0	698.0	694.0	692.0	690.4
125°	763.0	761.6	760.3	758.9	757.5	753.7	749.9	746.1	742.3	740.4	739.1
127.5°	809.4	807.4	805.4	803.4	801.4	798.4	795.4	792.4	789.4	787.9	786.5
130°	852.3	850.1	847.9	845.7	843.5	841.3	839.1	837.0	834.8	833.7	832.1
132.5°	892.8	891.0	889.2	887.4	885.6	883.4	881.2	879.1	876.9	875.8	874.5
135°	932.2	930.2	928.2	926.2	924.2	922.4	920.6	918.8	917.0	916.1	914.5
137.5°	968.9	966.9	964.9	962.9	960.9	958.9	956.9	955.0	953.0	952.0	950.8
140°	1004.0	1002.2	1000.4	998.6	996.8	994.6	992.4	990.2	988.0	986.9	986.1
142.5°	1036.3	1034.7	1033.2	1031.6	1030.0	1027.4	1024.8	1022.2	1019.6	1018.3	1017.6
145°	1066.0	1064.6	1063.2	1061.8	1060.4	1057.0	1053.6	1050.3	1046.9	1045.2	1045.3
147.5°	1092.2	1091.2	1090.2	1089.2	1088.2	1084.8	1081.4	1078.1	1074.7	1073.0	1073.3
150°	1117.2	1116.0	1114.8	1113.6	1112.4	1109.2	1106.0	1102.9	1099.7	1098.1	1098.8
152.5°	1139.6	1138.4	1137.2	1136.0	1134.8	1131.8	1128.8	1125.9	1122.9	1121.4	1122.2
155°	1159.3	1158.1	1157.0	1155.8	1154.6	1152.2	1149.8	1147.4	1145.0	1143.8	1144.7
157.5°	1177.2	1175.8	1174.4	1173.0	1171.6	1169.8	1168.0	1166.2	1164.4	1163.5	1164.3
160°	1191.6	1190.4	1189.2	1188.0	1186.8	1185.6	1184.4	1183.3	1182.1	1181.5	1182.1
162.5°	1205.9	1204.5	1203.1	1201.7	1200.3	1199.3	1198.3	1197.3	1196.3	1195.8	1196.4
165°	1216.6	1215.2	1213.8	1212.4	1211.0	1210.4	1209.8	1209.3	1208.7	1208.4	1209.0
167.5°	1226.5	1225.1	1223.7	1222.3	1220.9	1220.3	1219.7	1219.1	1218.5	1218.2	1218.8
170°	1233.6	1232.2	1230.9	1229.5	1228.1	1227.7	1227.3	1226.9	1226.5	1226.3	1226.9
172.5°	1239.0	1237.6	1236.3	1234.9	1233.5	1233.1	1232.7	1232.3	1231.9	1231.7	1232.3
175°	1242.6	1241.2	1239.8	1238.4	1237.0	1236.6	1236.2	1235.8	1235.4	1235.2	1235.9
177.5°	1243.5	1242.1	1240.7	1239.3	1237.9	1237.7	1237.5	1237.3	1237.1	1237.0	1237.7
180°	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1701.5	1701.5	1701.5	1701.5
2.5°	1670.1	1670.1	1689.7	1710.6
5°	1633.5	1642.6	1674.0	1702.8
7.5°	1598.2	1613.9	1653.1	1689.7
10°	1555.0	1575.9	1624.3	1667.5
12.5°	1513.2	1532.8	1589.0	1637.4
15°	1454.3	1479.2	1539.3	1599.5
17.5°	1395.5	1420.3	1493.5	1564.2
20°	1326.1	1358.8	1441.2	1535.4
22.5°	1262.1	1302.6	1394.1	1470.0
25°	1191.4	1254.2	1339.2	1437.3
27.5°	1128.7	1191.4	1277.8	1377.1
30°	1058.0	1122.1	1211.1	1302.6
32.5°	990.0	1048.9	1135.2	1247.7
35°	919.4	975.6	1059.3	1173.1
37.5°	855.3	910.3	1001.8	1106.4
40°	792.5	850.1	928.6	1033.2
42.5°	733.7	784.7	855.3	959.9
45°	680.1	716.7	782.1	880.2
47.5°	623.8	656.5	716.7	814.8
50°	571.5	599.0	651.3	742.8
52.5°	520.5	544.1	592.4	665.7
55°	474.7	497.0	532.3	604.2
57.5°	427.7	444.7	478.7	536.2
60°	381.9	397.6	425.0	472.1
62.5°	336.1	349.2	375.3	413.3
65°	295.6	306.0	325.6	358.3
67.5°	256.3	262.9	278.6	304.7
70°	218.4	223.6	236.7	257.6
72.5°	177.9	183.1	197.5	211.9
75°	143.9	145.2	155.6	167.4
77.5°	112.5	111.2	119.0	128.2
80°	77.2	81.1	87.6	91.5
82.5°	52.3	53.6	56.2	58.9
85°	28.8	30.1	30.1	34.0
87.5°	11.8	13.1	13.1	14.4
90°	7.5	5.3	3.1	0.9
92.5°	20.0	20.8	21.6	22.4
95°	38.6	45.1	51.7	58.3
97.5°	55.9	72.2	88.6	104.9
100°	76.8	104.1	131.4	158.7
102.5°	216.6	217.0	217.4	217.8
105°	290.4	284.5	278.5	272.5
107.5°	351.1	346.2	341.2	336.2
110°	409.6	405.5	401.3	397.1

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	465.2	461.7	458.1	454.5
115°	525.6	522.2	518.8	515.4
117.5°	580.2	576.3	572.3	568.3
120°	636.4	633.5	630.5	627.5
122.5°	687.2	684.1	680.9	677.7
125°	736.5	734.0	731.4	728.8
127.5°	783.7	781.0	778.2	775.4
130°	828.9	825.7	822.5	819.3
132.5°	871.9	869.3	866.7	864.1
135°	911.3	908.2	905.0	901.8
137.5°	948.4	946.0	943.6	941.2
140°	984.5	983.0	981.4	979.8
142.5°	1016.2	1014.8	1013.4	1012.0
145°	1045.5	1045.7	1045.9	1046.1
147.5°	1073.9	1074.5	1075.1	1075.7
150°	1100.2	1101.6	1103.0	1104.4
152.5°	1123.8	1125.4	1127.0	1128.6
155°	1146.5	1148.3	1150.1	1151.9
157.5°	1165.9	1167.5	1169.1	1170.7
160°	1183.3	1184.4	1185.6	1186.8
162.5°	1197.6	1198.8	1200.0	1201.2
165°	1210.2	1211.3	1212.5	1213.7
167.5°	1220.0	1221.2	1222.4	1223.6
170°	1228.1	1229.3	1230.5	1231.7
172.5°	1233.5	1234.6	1235.8	1237.0
175°	1237.3	1238.7	1240.1	1241.5
177.5°	1239.1	1240.5	1241.9	1243.3
180°	1238.8	1238.8	1238.8	1238.8

TEST NUMBER: P999218

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CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	17.36	18.20	18.32	19.17	20.43	14.86	15.69	15.81	16.66	17.92
	3H	18.17	18.92	19.14	19.90	21.18	16.20	16.95	17.17	17.92	19.21
	4H	18.34	19.05	19.32	20.03	21.32	16.66	17.37	17.64	18.35	19.64
	6H	18.39	19.04	19.38	20.02	21.33	16.97	17.62	17.96	18.60	19.91
	8H	18.36	18.98	19.36	19.99	21.29	17.05	17.67	18.05	18.67	19.97
	12H	18.33	18.91	19.33	19.91	21.24	17.09	17.68	18.10	18.68	20.00
4H	2H	17.40	18.11	18.39	19.09	20.38	15.30	16.01	16.29	16.99	18.28
	3H	18.38	18.97	19.38	19.98	21.29	16.76	17.35	17.76	18.36	19.66
	4H	18.66	19.19	19.66	20.20	21.53	17.29	17.83	18.30	18.83	20.16
	6H	18.79	19.25	19.80	20.27	21.60	17.67	18.13	18.69	19.16	20.49
	8H	18.78	19.21	19.80	20.23	21.58	17.78	18.21	18.80	19.23	20.57
	12H	18.75	19.13	19.78	20.17	21.52	17.84	18.22	18.87	19.26	20.61
8H	4H	18.66	19.09	19.68	20.11	21.46	17.43	17.86	18.45	18.88	20.22
	6H	18.84	19.20	19.88	20.26	21.60	17.87	18.22	18.91	19.28	20.62
	8H	18.87	19.18	19.92	20.23	21.59	18.02	18.33	19.07	19.38	20.74
	12H	18.86	19.13	19.91	20.17	21.57	18.11	18.38	19.16	19.42	20.83
12H	4H	18.62	19.01	19.66	20.04	21.39	17.41	17.79	18.44	18.83	20.18
	6H	18.82	19.13	19.87	20.18	21.54	17.87	18.18	18.92	19.23	20.59
	8H	18.85	19.13	19.90	20.17	21.57	18.02	18.30	19.08	19.34	20.74