

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: P1000067

Luminaire Tested: SA2XXRDIP-B865D1080UB2750-4F0-XX-W2A-A_2700K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1000067
REPORT IS A COMBINATION OF REPORTS P988624 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXRDIP-B865D1080UB2750-4F0-XX-W2A-A_2700K
Description: Define 2 Regressed Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473}
{m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

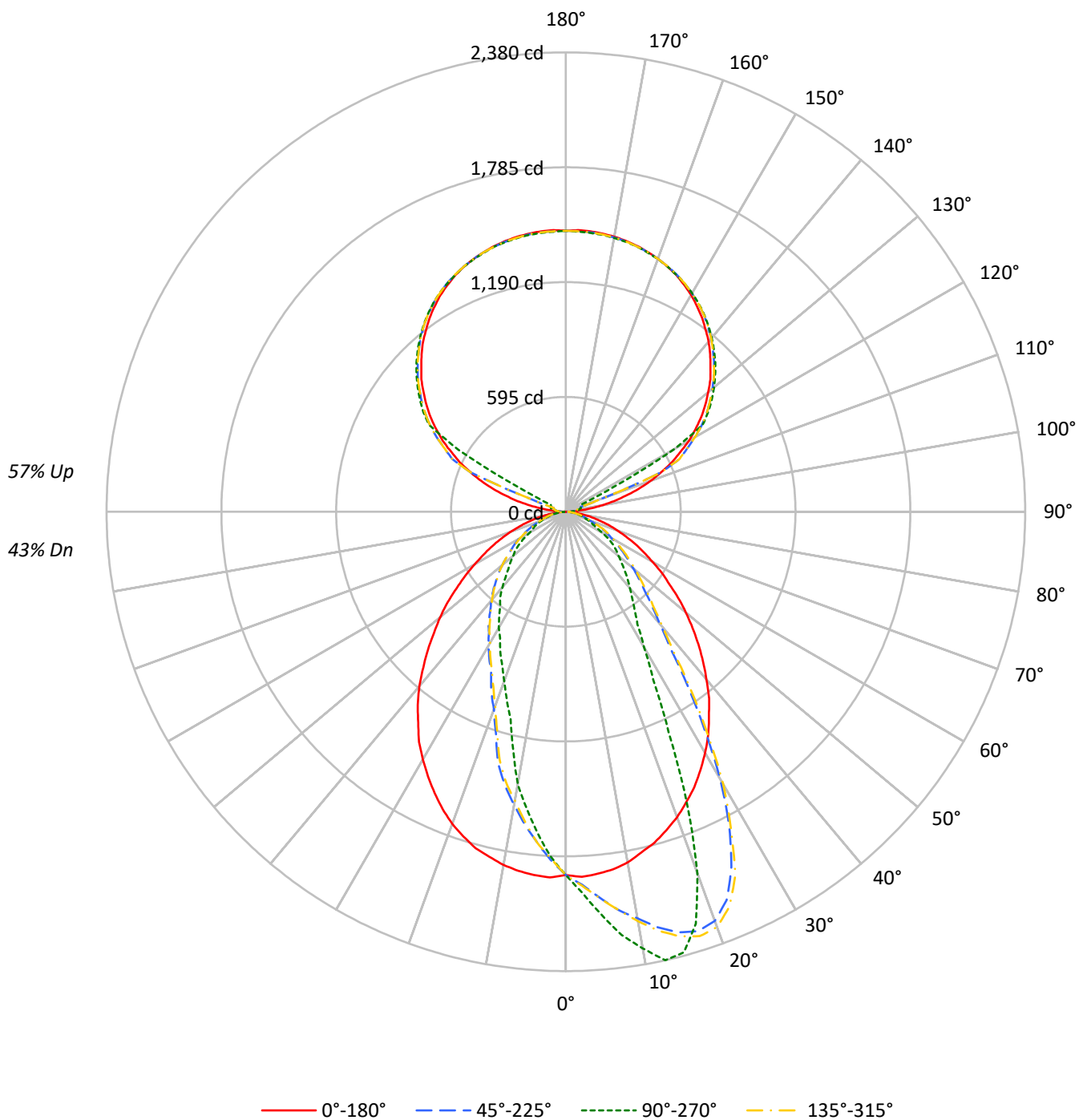
Lumens per Lamp: N/A
Luminaire Lumens: 7522.0 lumens
Efficiency: N/A
Efficacy: 92.0 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 81.8
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: P1000067

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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	50	30	10
RCR																				
0	106	106	106	106	96	96	96	96	80	80	80	64	64	64	50	50	50	43		
1	97	93	89	86	89	85	82	79	71	69	67	57	56	55	45	44	43	38		
2	89	82	76	71	81	75	70	66	63	59	56	51	49	47	41	39	38	33		
3	82	73	66	60	74	67	61	56	56	52	48	46	43	40	37	35	33	29		
4	75	65	57	52	68	60	53	48	50	46	42	41	38	35	33	31	29	25		
5	69	58	50	45	63	54	47	42	45	40	37	38	34	31	30	28	26	23		
6	64	52	45	39	58	49	42	37	41	36	32	34	31	28	28	25	23	20		
7	59	48	40	35	54	44	37	33	38	32	29	31	28	25	26	23	21	18		
8	55	43	36	31	51	40	34	29	34	29	26	29	25	22	24	21	19	17		
9	51	40	33	28	47	37	31	26	32	27	23	27	23	20	22	19	17	15		
10	48	37	30	25	44	34	28	24	29	25	21	25	21	19	21	18	16	14		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	29788	29788	29788	29788
5°	29857	31640	29961	25276
10°	29529	33442	29738	20873
15°	28888	33453	29378	15680
20°	28116	27652	28729	12937
25°	27183	17278	27770	11005
30°	25989	11063	26695	9475
35°	24537	8502	25333	8108
40°	22921	7146	23900	7092
45°	21191	6082	22078	5954
50°	19420	5168	20326	5150
55°	17459	4492	18399	4432
60°	15715	3425	16547	3384
65°	14085	2577	14924	2923
70°	12291	2059	13252	2383
75°	10388	1577	11339	1803
80°	8247	1072	8878	1181
85°	5721	553	6286	583

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 165°

Vertical Angle: 45°

Luminance: 27250 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	178.5	2.4
10°-20°	498.2	6.6
20°-30°	641.2	8.5
30°-40°	608.3	8.1
40°-50°	521.3	6.9
50°-60°	397.0	5.3
60°-70°	250.4	3.3
70°-80°	124.9	1.7
80°-90°	34.7	0.5
90°-100°	48.0	0.6
100°-110°	178.9	2.4
110°-120°	474.6	6.3
120°-130°	787.1	10.5
130°-140°	836.1	11.1
140°-150°	777.0	10.3
150°-160°	624.7	8.3
160°-170°	402.5	5.4
170°-180°	138.5	1.8
0°-30°	1317.9	17.5
0°-40°	1926.2	25.6
0°-60°	2844.6	37.8
0°-90°	3254.6	43.3
90°-120°	701.5	9.3
90°-150°	3101.6	41.2
90°-180°	4267.0	56.7
0°-180°	7522.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1882	1882	1882	1882	1882	
5°	1883	2094	1890	1673	1883	179
15°	1775	2363	1805	1108	1775	499
25°	1574	1261	1608	803	1574	723
35°	1292	621	1334	592	1292	808
45°	970	432	1011	422	970	749
55°	655	300	690	296	655	590
65°	396	156	420	176	396	393
75°	186	82	203	94	186	201
85°	40	24	44	25	40	46
90°	1	28	1	28	1	6
95°	68	45	68	45	68	81
105°	320	80	320	80	320	342
115°	606	86	606	86	606	596
125°	856	901	856	901	856	764
135°	1060	1094	1060	1094	1060	819
145°	1229	1248	1229	1248	1229	769
155°	1354	1354	1354	1354	1354	624
165°	1426	1423	1426	1423	1426	403
175°	1459	1450	1459	1450	1459	139
180°	1456	1456	1456	1456	1456	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8
2.5°	1893.6	1901.4	1905.3	1910.6	1922.3	1930.2	1942.0	1944.6	1943.3	1948.5	1934.1
5°	1883.1	1900.1	1915.8	1928.9	1949.8	1962.9	1977.3	1994.3	1998.2	2017.8	2006.0
7.5°	1868.7	1893.6	1915.8	1942.0	1973.3	1990.4	2012.6	2038.7	2050.5	2074.0	2080.6
10°	1845.2	1880.5	1918.4	1945.9	1989.0	2019.1	2040.0	2081.9	2109.4	2144.7	2139.4
12.5°	1807.3	1853.0	1904.0	1949.8	2006.0	2025.7	2064.9	2108.0	2143.4	2176.0	2204.8
15°	1774.6	1826.9	1883.1	1939.3	2003.4	2040.0	2079.3	2135.5	2173.4	2231.0	2255.8
17.5°	1730.1	1796.8	1863.5	1926.3	2002.1	2044.0	2092.4	2147.3	2203.5	2258.4	2278.0
20°	1684.3	1756.3	1828.2	1913.2	1999.5	2040.0	2089.7	2157.7	2212.7	2255.8	2255.8
22.5°	1629.4	1717.0	1799.4	1880.5	1974.7	2033.5	2084.5	2164.3	2203.5	2212.7	2177.4
25°	1574.5	1662.1	1752.3	1853.0	1960.3	2012.6	2070.1	2144.7	2157.7	2121.1	2029.6
27.5°	1509.1	1607.2	1709.2	1817.7	1930.2	1995.6	2047.9	2097.6	2072.7	1974.7	1832.1
30°	1442.4	1548.3	1663.4	1766.7	1902.7	1962.9	2007.4	2021.7	1943.3	1783.7	1599.3
32.5°	1373.1	1476.4	1598.0	1722.3	1859.6	1917.1	1945.9	1908.0	1764.1	1562.7	1337.8
35°	1292.0	1408.4	1535.3	1664.7	1800.7	1843.9	1860.9	1768.0	1583.6	1323.4	1099.8
37.5°	1218.8	1335.2	1471.2	1603.3	1735.3	1758.9	1741.9	1596.7	1362.6	1105.0	886.6
40°	1132.5	1256.7	1390.1	1537.9	1646.4	1653.0	1611.1	1422.8	1132.5	890.6	755.9
42.5°	1052.7	1178.3	1311.6	1462.0	1544.4	1522.2	1466.0	1218.8	945.5	767.6	659.1
45°	970.3	1089.3	1233.2	1366.6	1425.4	1373.1	1288.1	1025.3	793.8	660.4	576.7
47.5°	890.6	1001.7	1144.3	1272.4	1282.9	1224.0	1123.3	859.2	687.9	580.6	512.6
50°	812.1	923.3	1056.6	1162.6	1152.1	1071.0	957.3	746.7	597.6	512.6	456.4
52.5°	733.6	834.3	963.8	1047.5	1003.0	924.6	812.1	632.9	521.8	447.2	404.1
55°	655.2	749.3	860.5	929.8	859.2	768.9	689.2	542.7	452.5	392.3	359.6
57.5°	589.8	664.3	766.3	808.2	723.2	652.6	583.2	466.9	392.3	349.2	311.2
60°	517.9	585.9	669.6	694.4	606.8	549.2	490.4	394.9	336.1	298.2	273.3
62.5°	456.4	512.6	576.7	576.7	499.5	456.4	411.9	330.9	282.5	252.4	240.6
65°	396.2	436.8	482.5	477.3	411.9	374.0	338.7	273.3	236.7	215.8	204.0
67.5°	337.4	368.8	398.9	380.5	333.5	300.8	268.1	221.0	196.2	181.8	166.1
70°	283.8	308.6	324.3	307.3	260.2	232.8	209.2	177.8	158.2	139.9	130.8
72.5°	238.0	248.5	253.7	232.8	193.5	177.8	160.8	138.6	121.6	112.5	109.8
75°	185.7	194.9	190.9	175.2	142.5	130.8	117.7	102.0	98.1	92.8	90.2
77.5°	145.2	145.2	138.6	124.2	102.0	92.8	87.6	79.8	75.8	74.5	71.9
80°	103.3	102.0	98.1	82.4	69.3	64.1	64.1	58.8	57.5	54.9	54.9
82.5°	68.0	68.0	62.8	49.7	45.8	44.5	43.2	40.5	40.5	39.2	39.2
85°	40.5	37.9	31.4	27.5	26.2	26.2	24.8	23.5	24.8	23.5	23.5
87.5°	18.3	14.4	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
90°	1.1	3.7	6.2	8.8	11.3	12.6	13.5	15.4	17.3	19.2	21.1
92.5°	26.3	25.4	24.4	23.5	22.6	22.1	22.5	23.2	23.9	24.6	25.3
95°	68.5	60.8	53.0	45.3	37.6	33.7	34.5	36.2	37.8	39.5	41.1
97.5°	123.2	104.0	84.8	65.7	46.5	36.9	38.8	42.5	46.2	50.0	53.7
100°	186.4	154.3	122.3	90.2	58.1	42.1	44.1	48.1	52.0	56.0	60.0
102.5°	255.9	255.4	255.0	254.5	254.0	253.8	232.5	189.9	147.3	104.7	62.1
105°	320.2	327.2	334.2	341.3	348.3	351.8	319.9	256.0	192.1	128.2	64.3
107.5°	395.0	400.8	406.7	412.5	418.4	421.3	381.9	303.0	224.1	145.3	66.4
110°	466.6	471.5	476.4	481.3	486.2	488.7	454.9	387.2	319.6	251.9	184.3

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	534.0	538.2	542.4	546.7	550.9	553.0	551.0	547.0	543.1	539.1	535.1
115°	605.6	609.6	613.6	617.5	621.5	623.5	626.4	632.3	638.2	644.0	649.9
117.5°	667.8	672.5	677.2	681.9	686.6	688.9	690.9	694.9	698.8	702.8	706.8
120°	737.3	740.8	744.3	747.8	751.3	753.1	755.2	759.4	763.7	767.9	772.1
122.5°	796.3	800.0	803.8	807.5	811.2	813.1	815.4	820.1	824.8	829.5	834.2
125°	856.3	859.3	862.4	865.4	868.5	870.0	872.2	876.7	881.1	885.6	890.0
127.5°	911.1	914.4	917.6	920.9	924.2	925.8	927.6	931.1	934.6	938.1	941.6
130°	962.7	966.5	970.2	974.0	977.7	979.6	980.9	983.4	986.0	988.5	991.1
132.5°	1015.4	1018.4	1021.5	1024.5	1027.6	1029.1	1030.4	1032.9	1035.5	1038.0	1040.6
135°	1059.6	1063.4	1067.1	1070.9	1074.6	1076.5	1077.5	1079.6	1081.7	1083.8	1085.9
137.5°	1106.0	1108.8	1111.6	1114.4	1117.2	1118.6	1119.8	1122.1	1124.4	1126.8	1129.1
140°	1151.2	1153.1	1155.0	1156.9	1158.8	1159.7	1161.0	1163.6	1166.1	1168.7	1171.3
142.5°	1189.2	1190.8	1192.4	1194.1	1195.7	1196.5	1198.0	1201.1	1204.1	1207.2	1210.2
145°	1229.2	1229.0	1228.7	1228.5	1228.2	1228.1	1230.1	1234.1	1238.0	1242.0	1246.0
147.5°	1263.9	1263.2	1262.5	1261.8	1261.1	1260.8	1262.8	1266.8	1270.7	1274.7	1278.7
150°	1297.7	1296.1	1294.4	1292.8	1291.1	1290.3	1292.2	1295.9	1299.6	1303.4	1307.1
152.5°	1326.1	1324.2	1322.4	1320.5	1318.6	1317.7	1319.5	1323.0	1326.5	1330.0	1333.5
155°	1353.5	1351.4	1349.3	1347.2	1345.1	1344.0	1345.4	1348.2	1351.0	1353.8	1356.6
157.5°	1375.6	1373.7	1371.9	1370.0	1368.1	1367.2	1368.2	1370.3	1372.4	1374.5	1376.6
160°	1394.6	1393.2	1391.8	1390.3	1388.9	1388.2	1388.9	1390.3	1391.8	1393.2	1394.6
162.5°	1411.4	1410.0	1408.6	1407.2	1405.8	1405.1	1405.7	1406.9	1408.0	1409.2	1410.4
165°	1426.2	1424.8	1423.4	1421.9	1420.5	1419.8	1420.2	1420.9	1421.6	1422.3	1423.0
167.5°	1437.7	1436.3	1434.9	1433.5	1432.1	1431.4	1431.8	1432.5	1433.2	1433.9	1434.6
170°	1447.2	1445.8	1444.4	1443.0	1441.6	1440.9	1441.1	1441.6	1442.1	1442.5	1443.0
172.5°	1453.5	1452.1	1450.7	1449.3	1447.9	1447.2	1447.4	1447.9	1448.4	1448.8	1449.3
175°	1458.8	1457.2	1455.5	1453.9	1452.2	1451.4	1451.6	1452.1	1452.6	1453.0	1453.5
177.5°	1460.9	1459.3	1457.6	1456.0	1454.3	1453.5	1453.6	1453.9	1454.1	1454.4	1454.6
180°	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8
2.5°	1948.5	1951.1	1955.0	1973.3	1976.0	1981.2	1978.6	1978.6	1979.9	1977.3	1978.6
5°	2032.2	2036.1	2055.7	2078.0	2083.2	2078.0	2084.5	2093.7	2093.7	2093.7	2091.0
7.5°	2110.7	2125.0	2147.3	2180.0	2186.5	2193.0	2204.8	2197.0	2199.6	2211.4	2207.4
10°	2186.5	2207.4	2232.3	2259.7	2274.1	2283.3	2288.5	2300.3	2327.7	2296.4	2308.1
12.5°	2258.4	2288.5	2314.7	2344.7	2355.2	2367.0	2370.9	2381.4	2381.4	2380.1	2389.2
15°	2305.5	2333.0	2356.5	2376.1	2378.7	2376.1	2373.5	2374.8	2378.7	2363.1	2372.2
17.5°	2316.0	2318.6	2326.4	2318.6	2319.9	2292.4	2276.7	2272.8	2236.2	2237.5	2267.6
20°	2265.0	2220.5	2208.7	2165.6	2139.4	2068.8	2066.2	2046.6	1969.4	1993.0	1987.7
22.5°	2125.0	2049.2	1948.5	1898.8	1874.0	1799.4	1741.9	1701.3	1673.9	1646.4	1634.7
25°	1940.7	1817.7	1675.2	1577.1	1562.7	1493.4	1387.5	1337.8	1279.0	1260.6	1292.0
27.5°	1702.7	1543.1	1382.3	1231.9	1204.4	1141.6	1088.0	1052.7	984.7	980.8	983.4
30°	1379.6	1218.8	1084.1	986.0	918.0	889.2	853.9	827.8	800.3	810.8	813.4
32.5°	1133.8	980.8	855.2	802.9	771.6	753.2	723.2	706.2	694.4	690.5	689.2
35°	901.0	799.0	742.8	691.8	673.5	660.4	638.2	630.3	619.9	621.2	621.2
37.5°	771.6	686.6	644.7	618.6	601.6	595.0	580.6	572.8	566.2	563.6	567.6
40°	665.6	606.8	580.6	557.1	542.7	540.1	532.2	523.1	515.2	516.5	520.5
42.5°	588.5	554.5	523.1	504.8	494.3	490.4	483.9	477.3	477.3	473.4	472.1
45°	527.0	499.5	473.4	456.4	449.9	444.6	436.8	435.5	430.2	431.5	432.9
47.5°	472.1	449.9	430.2	413.2	406.7	405.4	397.5	392.3	392.3	391.0	389.7
50°	422.4	400.2	383.2	374.0	364.9	362.2	360.9	359.6	357.0	357.0	358.3
52.5°	381.9	359.6	346.5	338.7	333.5	330.9	330.9	329.5	329.5	329.5	328.2
55°	337.4	319.1	308.6	306.0	303.4	302.1	300.8	298.2	296.9	299.5	296.9
57.5°	295.5	289.0	279.9	277.2	270.7	270.7	266.8	264.2	261.5	264.2	264.2
60°	262.9	253.7	248.5	240.6	235.4	230.2	223.6	222.3	219.7	218.4	217.1
62.5°	228.9	221.0	207.9	196.2	188.3	183.1	180.5	179.2	179.2	177.8	177.8
65°	190.9	172.6	166.1	162.2	160.8	159.5	156.9	155.6	156.9	155.6	156.9
67.5°	149.1	146.5	142.5	139.9	138.6	137.3	137.3	136.0	136.0	136.0	136.0
70°	129.5	122.9	121.6	119.0	119.0	117.7	117.7	117.7	117.7	116.4	119.0
72.5°	107.2	103.3	102.0	100.7	100.7	100.7	99.4	99.4	99.4	98.1	99.4
75°	87.6	86.3	83.7	83.7	82.4	83.7	82.4	82.4	81.1	82.4	82.4
77.5°	70.6	69.3	68.0	68.0	66.7	66.7	66.7	66.7	66.7	66.7	68.0
80°	53.6	52.3	51.0	52.3	51.0	52.3	51.0	51.0	52.3	51.0	51.0
82.5°	39.2	37.9	37.9	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
85°	23.5	22.2	22.2	23.5	22.2	23.5	22.2	22.2	22.2	23.5	23.5
87.5°	10.5	11.8	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	11.8
90°	22.3	23.4	24.6	25.7	26.3	26.5	27.0	27.5	27.9	28.4	27.9
92.5°	25.8	26.2	26.7	27.2	27.4	27.5	27.7	28.0	28.2	28.4	28.2
95°	42.3	43.4	44.6	45.7	46.3	46.2	46.0	45.7	45.5	45.3	45.5
97.5°	54.4	55.1	55.8	56.5	56.9	57.0	57.2	57.5	57.7	57.9	57.7
100°	61.9	63.8	65.7	67.6	68.5	68.7	69.2	69.7	70.1	70.6	70.1
102.5°	64.7	67.3	69.8	72.4	73.7	74.1	74.8	75.5	76.2	76.9	76.2
105°	66.9	69.4	72.0	74.5	75.8	76.3	77.2	78.1	79.1	80.0	79.1
107.5°	69.0	71.5	74.1	76.6	77.9	78.4	79.3	80.3	81.2	82.2	81.2
110°	160.9	137.5	114.1	90.7	79.0	79.5	80.4	81.3	82.3	83.2	82.3

TEST NUMBER: P1000067

CATALOG NUMBER: SA2XXRDIP-B865D1080UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	434.2	333.3	232.4	131.5	81.1	81.5	82.2	82.9	83.6	84.3	83.6
115°	541.5	433.1	324.8	216.4	162.2	153.8	136.9	120.1	103.2	86.4	103.2
117.5°	673.3	639.8	606.3	572.8	556.1	525.4	464.1	402.8	341.5	280.2	341.5
120°	774.9	777.7	780.5	783.3	784.7	768.9	737.3	705.7	674.1	642.5	674.1
122.5°	835.6	837.0	838.4	839.8	840.5	840.6	840.9	841.1	841.4	841.6	841.4
125°	891.6	893.3	894.9	896.6	897.4	897.8	898.5	899.2	899.9	900.6	899.9
127.5°	944.0	946.3	948.7	951.0	952.2	952.3	952.5	952.8	953.0	953.2	953.0
130°	993.7	996.3	998.8	1001.4	1002.7	1002.6	1002.4	1002.1	1001.9	1001.7	1001.9
132.5°	1042.7	1044.8	1046.9	1049.0	1050.1	1050.0	1049.8	1049.5	1049.3	1049.1	1049.3
135°	1088.3	1090.6	1093.0	1095.3	1096.5	1096.3	1095.8	1095.3	1094.9	1094.4	1094.9
137.5°	1131.5	1133.8	1136.2	1138.5	1139.7	1139.3	1138.6	1137.9	1137.2	1136.5	1137.2
140°	1173.4	1175.5	1177.6	1179.7	1180.7	1180.1	1179.0	1177.8	1176.7	1175.5	1176.7
142.5°	1212.1	1214.0	1215.9	1217.8	1218.7	1218.1	1216.9	1215.8	1214.6	1213.4	1214.6
145°	1247.6	1249.3	1250.9	1252.6	1253.4	1252.8	1251.6	1250.5	1249.3	1248.1	1249.3
147.5°	1279.9	1281.1	1282.2	1283.4	1284.0	1283.5	1282.6	1281.6	1280.7	1279.7	1280.7
150°	1308.5	1309.9	1311.4	1312.8	1313.5	1312.9	1311.7	1310.6	1309.4	1308.2	1309.4
152.5°	1334.9	1336.3	1337.7	1339.1	1339.8	1339.0	1337.3	1335.7	1334.0	1332.4	1334.0
155°	1358.0	1359.4	1360.9	1362.3	1363.0	1362.1	1360.2	1358.3	1356.4	1354.5	1356.4
157.5°	1378.2	1379.9	1381.5	1383.2	1384.0	1383.1	1381.2	1379.3	1377.5	1375.6	1377.5
160°	1396.0	1397.4	1398.8	1400.2	1400.9	1400.1	1398.4	1396.8	1395.1	1393.5	1395.1
162.5°	1412.0	1413.6	1415.3	1416.9	1417.7	1416.6	1414.5	1412.4	1410.3	1408.2	1410.3
165°	1424.6	1426.3	1427.9	1429.6	1430.4	1429.6	1427.9	1426.3	1424.6	1423.0	1424.6
167.5°	1436.2	1437.9	1439.5	1441.2	1442.0	1440.9	1438.8	1436.7	1434.6	1432.5	1434.6
170°	1444.6	1446.3	1447.9	1449.6	1450.4	1449.3	1447.2	1445.1	1443.0	1440.9	1443.0
172.5°	1450.9	1452.6	1454.2	1455.9	1456.7	1455.6	1453.5	1451.4	1449.3	1447.2	1449.3
175°	1455.1	1456.8	1458.4	1460.1	1460.9	1459.7	1457.4	1455.1	1452.7	1450.4	1452.7
177.5°	1456.2	1457.9	1459.5	1461.2	1462.0	1460.9	1458.8	1456.7	1454.6	1452.5	1454.6
180°	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6

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CATALOG NUMBER: SA2XXRDIP-B865D1080UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8
2.5°	1983.8	1974.7	1972.0	1974.7	1972.0	1973.3	1964.2	1930.2	1939.3	1925.0	1932.8
5°	2096.3	2088.4	2071.4	2068.8	2066.2	2063.6	2050.5	2020.4	2008.7	1989.0	1987.7
7.5°	2203.5	2203.5	2190.4	2181.3	2169.5	2160.4	2143.4	2098.9	2080.6	2057.0	2044.0
10°	2309.4	2275.4	2289.8	2280.7	2251.9	2246.7	2215.3	2189.1	2153.8	2130.3	2109.4
12.5°	2385.3	2374.8	2361.7	2353.9	2346.0	2329.0	2308.1	2241.4	2223.1	2176.0	2152.5
15°	2382.7	2376.1	2380.1	2380.1	2377.4	2373.5	2356.5	2308.1	2276.7	2231.0	2190.4
17.5°	2254.5	2271.5	2288.5	2300.3	2326.4	2338.2	2353.9	2325.1	2305.5	2266.3	2223.1
20°	2030.9	2072.7	2122.4	2132.9	2156.4	2225.7	2257.1	2282.0	2289.8	2276.7	2241.4
22.5°	1719.7	1755.0	1875.3	1872.7	1906.7	1989.0	2080.6	2155.1	2214.0	2246.7	2233.6
25°	1347.0	1396.6	1460.7	1509.1	1620.3	1743.2	1857.0	1976.0	2078.0	2168.2	2190.4
27.5°	1018.7	1084.1	1135.1	1199.2	1255.4	1400.6	1547.0	1732.7	1851.7	2023.0	2112.0
30°	823.9	853.9	904.9	935.0	962.5	1073.6	1239.7	1422.8	1632.0	1829.5	1982.5
32.5°	703.6	724.5	762.4	775.5	804.2	878.8	983.4	1150.8	1366.6	1605.9	1807.3
35°	631.6	653.9	661.7	673.5	697.0	744.1	816.0	937.6	1132.5	1366.6	1607.2
37.5°	570.2	581.9	604.2	612.0	619.9	655.2	703.6	788.6	918.0	1110.3	1377.0
40°	527.0	533.5	545.3	551.9	557.1	581.9	625.1	682.6	778.1	924.6	1170.4
42.5°	481.2	489.1	496.9	504.8	511.3	530.9	557.1	612.0	676.1	787.2	965.1
45°	436.8	442.0	451.2	456.4	465.5	481.2	504.8	542.7	600.2	670.9	814.7
47.5°	396.2	402.8	406.7	413.2	419.8	436.8	459.0	483.9	530.9	600.2	704.9
50°	359.6	367.5	372.7	374.0	379.2	394.9	413.2	440.7	470.8	524.4	615.9
52.5°	333.5	334.8	338.7	343.9	342.6	351.8	368.8	389.7	421.1	464.2	530.9
55°	303.4	307.3	309.9	311.2	311.2	319.1	328.2	347.9	372.7	408.0	464.2
57.5°	265.5	269.4	277.2	279.9	283.8	287.7	291.6	304.7	325.6	359.6	405.4
60°	226.2	228.9	236.7	241.9	244.5	255.0	260.2	270.7	282.5	307.3	350.5
62.5°	181.8	184.4	188.3	193.5	198.8	214.5	227.5	238.0	247.2	264.2	299.5
65°	158.2	159.5	162.2	163.5	164.8	171.3	183.1	197.5	214.5	227.5	248.5
67.5°	137.3	138.6	139.9	142.5	143.8	145.2	150.4	154.3	171.3	189.6	205.3
70°	117.7	120.3	121.6	121.6	122.9	125.5	128.2	133.4	138.6	147.8	167.4
72.5°	99.4	100.7	103.3	103.3	103.3	105.9	108.5	111.2	113.8	119.0	126.8
75°	82.4	85.0	85.0	85.0	86.3	86.3	88.9	91.5	94.2	98.1	100.7
77.5°	68.0	68.0	68.0	68.0	69.3	69.3	70.6	73.2	74.5	75.8	78.5
80°	51.0	52.3	52.3	52.3	53.6	53.6	53.6	56.2	57.5	57.5	60.2
82.5°	37.9	37.9	37.9	39.2	37.9	39.2	39.2	40.5	39.2	40.5	41.8
85°	23.5	23.5	23.5	24.8	24.8	24.8	24.8	24.8	24.8	24.8	26.2
87.5°	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	13.1	11.8	11.8
90°	27.5	27.0	26.5	26.3	25.7	24.6	23.4	22.3	21.1	19.2	17.3
92.5°	28.0	27.7	27.5	27.4	27.2	26.7	26.2	25.8	25.3	24.6	23.9
95°	45.7	46.0	46.2	46.3	45.7	44.6	43.4	42.3	41.1	39.5	37.8
97.5°	57.5	57.2	57.0	56.9	56.5	55.8	55.1	54.4	53.7	50.0	46.2
100°	69.7	69.2	68.7	68.5	67.6	65.7	63.8	61.9	60.0	56.0	52.0
102.5°	75.5	74.8	74.1	73.7	72.4	69.8	67.3	64.7	62.1	104.7	147.3
105°	78.1	77.2	76.3	75.8	74.5	72.0	69.4	66.9	64.3	128.2	192.1
107.5°	80.3	79.3	78.4	77.9	76.6	74.1	71.5	69.0	66.4	145.3	224.1
110°	81.3	80.4	79.5	79.0	90.7	114.1	137.5	160.9	184.3	251.9	319.6

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CATALOG NUMBER: SA2XXRDIP-B865D1080UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	82.9	82.2	81.5	81.1	131.5	232.4	333.3	434.2	535.1	539.1	543.1
115°	120.1	136.9	153.8	162.2	216.4	324.8	433.1	541.5	649.9	644.0	638.2
117.5°	402.8	464.1	525.4	556.1	572.8	606.3	639.8	673.3	706.8	702.8	698.8
120°	705.7	737.3	768.9	784.7	783.3	780.5	777.7	774.9	772.1	767.9	763.7
122.5°	841.1	840.9	840.6	840.5	839.8	838.4	837.0	835.6	834.2	829.5	824.8
125°	899.2	898.5	897.8	897.4	896.6	894.9	893.3	891.6	890.0	885.6	881.1
127.5°	952.8	952.5	952.3	952.2	951.0	948.7	946.3	944.0	941.6	938.1	934.6
130°	1002.1	1002.4	1002.6	1002.7	1001.4	998.8	996.3	993.7	991.1	988.5	986.0
132.5°	1049.5	1049.8	1050.0	1050.1	1049.0	1046.9	1044.8	1042.7	1040.6	1038.0	1035.5
135°	1095.3	1095.8	1096.3	1096.5	1095.3	1093.0	1090.6	1088.3	1085.9	1083.8	1081.7
137.5°	1137.9	1138.6	1139.3	1139.7	1138.5	1136.2	1133.8	1131.5	1129.1	1126.8	1124.4
140°	1177.8	1179.0	1180.1	1180.7	1179.7	1177.6	1175.5	1173.4	1171.3	1168.7	1166.1
142.5°	1215.8	1216.9	1218.1	1218.7	1217.8	1215.9	1214.0	1212.1	1210.2	1207.2	1204.1
145°	1250.5	1251.6	1252.8	1253.4	1252.6	1250.9	1249.3	1247.6	1246.0	1242.0	1238.0
147.5°	1281.6	1282.6	1283.5	1284.0	1283.4	1282.2	1281.1	1279.9	1278.7	1274.7	1270.7
150°	1310.6	1311.7	1312.9	1313.5	1312.8	1311.4	1309.9	1308.5	1307.1	1303.4	1299.6
152.5°	1335.7	1337.3	1339.0	1339.8	1339.1	1337.7	1336.3	1334.9	1333.5	1330.0	1326.5
155°	1358.3	1360.2	1362.1	1363.0	1362.3	1360.9	1359.4	1358.0	1356.6	1353.8	1351.0
157.5°	1379.3	1381.2	1383.1	1384.0	1383.2	1381.5	1379.9	1378.2	1376.6	1374.5	1372.4
160°	1396.8	1398.4	1400.1	1400.9	1400.2	1398.8	1397.4	1396.0	1394.6	1393.2	1391.8
162.5°	1412.4	1414.5	1416.6	1417.7	1416.9	1415.3	1413.6	1412.0	1410.4	1409.2	1408.0
165°	1426.3	1427.9	1429.6	1430.4	1429.6	1427.9	1426.3	1424.6	1423.0	1422.3	1421.6
167.5°	1436.7	1438.8	1440.9	1442.0	1441.2	1439.5	1437.9	1436.2	1434.6	1433.9	1433.2
170°	1445.1	1447.2	1449.3	1450.4	1449.6	1447.9	1446.3	1444.6	1443.0	1442.5	1442.1
172.5°	1451.4	1453.5	1455.6	1456.7	1455.9	1454.2	1452.6	1450.9	1449.3	1448.8	1448.4
175°	1455.1	1457.4	1459.7	1460.9	1460.1	1458.4	1456.8	1455.1	1453.5	1453.0	1452.6
177.5°	1456.7	1458.8	1460.9	1462.0	1461.2	1459.5	1457.9	1456.2	1454.6	1454.4	1454.1
180°	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8
2.5°	1921.0	1914.5	1914.5	1910.6	1910.6	1889.7	1889.7	1896.2	1888.3	1879.2	1866.1
5°	1970.7	1956.3	1952.4	1947.2	1930.2	1904.0	1893.6	1889.7	1874.0	1854.3	1832.1
7.5°	2017.8	1994.3	1982.5	1970.7	1948.5	1911.9	1891.0	1876.6	1853.0	1823.0	1794.2
10°	2063.6	2033.5	2003.4	1989.0	1957.7	1911.9	1881.8	1858.3	1824.3	1783.7	1743.2
12.5°	2105.4	2042.7	2037.4	2008.7	1962.9	1910.6	1864.8	1830.8	1787.7	1740.6	1693.5
15°	2142.0	2078.0	2046.6	2020.4	1960.3	1894.9	1846.5	1804.7	1747.1	1693.5	1636.0
17.5°	2160.4	2091.0	2070.1	2027.0	1965.5	1880.5	1815.1	1764.1	1701.3	1637.3	1571.9
20°	2178.7	2097.6	2063.6	2033.5	1949.8	1853.0	1779.8	1721.0	1651.7	1575.8	1503.9
22.5°	2187.8	2097.6	2057.0	2015.2	1934.1	1823.0	1736.7	1667.3	1586.3	1509.1	1422.8
25°	2172.1	2089.7	2041.4	1998.2	1906.7	1786.3	1687.0	1608.5	1522.2	1434.6	1347.0
27.5°	2132.9	2071.4	2015.2	1970.7	1868.7	1739.3	1634.7	1545.7	1456.8	1358.7	1269.8
30°	2059.7	2032.2	1987.7	1938.0	1826.9	1697.4	1573.2	1481.6	1383.6	1285.5	1192.6
32.5°	1945.9	1969.4	1940.7	1897.5	1777.2	1639.9	1507.8	1415.0	1307.7	1201.8	1116.8
35°	1807.3	1891.0	1875.3	1845.2	1724.9	1578.4	1446.3	1333.9	1226.6	1119.4	1034.4
37.5°	1655.6	1782.4	1795.5	1777.2	1664.7	1515.6	1370.5	1260.6	1150.8	1042.3	955.9
40°	1447.6	1642.5	1684.3	1692.2	1602.0	1439.8	1288.1	1180.9	1072.3	966.4	861.8
42.5°	1256.7	1502.6	1554.9	1587.6	1522.2	1365.3	1212.3	1093.3	986.0	890.6	785.9
45°	1077.6	1333.9	1418.9	1460.7	1432.0	1280.3	1122.0	1010.9	912.8	825.2	724.5
47.5°	893.2	1150.8	1269.8	1336.5	1336.5	1193.9	1035.7	925.9	831.7	757.2	668.2
50°	770.2	984.7	1107.6	1195.3	1218.8	1106.3	957.3	850.0	761.1	680.0	612.0
52.5°	656.5	848.7	950.7	1042.3	1110.3	1012.2	869.6	772.9	685.2	609.4	555.8
55°	567.6	711.4	804.2	904.9	980.8	916.7	784.6	690.5	614.6	551.9	506.1
57.5°	482.5	608.1	683.9	772.9	853.9	805.6	699.6	618.6	551.9	496.9	456.4
60°	410.6	512.6	571.5	640.8	741.5	707.5	619.9	545.3	491.7	442.0	408.0
62.5°	349.2	430.2	479.9	529.6	621.2	605.5	537.5	479.9	434.2	392.3	363.5
65°	286.4	353.1	392.3	435.5	508.7	515.2	460.3	419.8	377.9	341.3	315.2
67.5°	231.5	283.8	319.1	355.7	414.5	432.9	394.9	360.9	325.6	295.5	272.0
70°	187.0	223.6	249.8	278.5	326.9	349.2	329.5	306.0	277.2	252.4	231.5
72.5°	147.8	171.3	187.0	209.2	248.5	270.7	269.4	248.5	227.5	210.5	193.5
75°	108.5	126.8	139.9	154.3	185.7	206.6	211.9	202.7	181.8	168.7	155.6
77.5°	82.4	92.8	99.4	109.8	132.1	150.4	158.2	155.6	141.2	130.8	121.6
80°	62.8	65.4	68.0	71.9	90.2	107.2	112.5	111.2	103.3	99.4	88.9
82.5°	44.5	45.8	47.1	48.4	54.9	69.3	74.5	77.2	70.6	66.7	57.5
85°	26.2	27.5	27.5	30.1	31.4	35.3	44.5	44.5	43.2	37.9	36.6
87.5°	13.1	13.1	11.8	11.8	13.1	14.4	17.0	19.6	17.0	15.7	14.4
90°	15.4	13.5	12.6	11.3	8.8	6.2	3.7	1.1	3.7	6.2	8.8
92.5°	23.2	22.5	22.1	22.6	23.5	24.4	25.4	26.3	25.4	24.4	23.5
95°	36.2	34.5	33.7	37.6	45.3	53.0	60.8	68.5	60.8	53.0	45.3
97.5°	42.5	38.8	36.9	46.5	65.7	84.8	104.0	123.2	104.0	84.8	65.7
100°	48.1	44.1	42.1	58.1	90.2	122.3	154.3	186.4	154.3	122.3	90.2
102.5°	189.9	232.5	253.8	254.0	254.5	255.0	255.4	255.9	255.4	255.0	254.5
105°	256.0	319.9	351.8	348.3	341.3	334.2	327.2	320.2	327.2	334.2	341.3
107.5°	303.0	381.9	421.3	418.4	412.5	406.7	400.8	395.0	400.8	406.7	412.5
110°	387.2	454.9	488.7	486.2	481.3	476.4	471.5	466.6	471.5	476.4	481.3

TEST NUMBER: P1000067

CATALOG NUMBER: SA2XXRDIP-B865D1080UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	547.0	551.0	553.0	550.9	546.7	542.4	538.2	534.0	538.2	542.4	546.7
115°	632.3	626.4	623.5	621.5	617.5	613.6	609.6	605.6	609.6	613.6	617.5
117.5°	694.9	690.9	688.9	686.6	681.9	677.2	672.5	667.8	672.5	677.2	681.9
120°	759.4	755.2	753.1	751.3	747.8	744.3	740.8	737.3	740.8	744.3	747.8
122.5°	820.1	815.4	813.1	811.2	807.5	803.8	800.0	796.3	800.0	803.8	807.5
125°	876.7	872.2	870.0	868.5	865.4	862.4	859.3	856.3	859.3	862.4	865.4
127.5°	931.1	927.6	925.8	924.2	920.9	917.6	914.4	911.1	914.4	917.6	920.9
130°	983.4	980.9	979.6	977.7	974.0	970.2	966.5	962.7	966.5	970.2	974.0
132.5°	1032.9	1030.4	1029.1	1027.6	1024.5	1021.5	1018.4	1015.4	1018.4	1021.5	1024.5
135°	1079.6	1077.5	1076.5	1074.6	1070.9	1067.1	1063.4	1059.6	1063.4	1067.1	1070.9
137.5°	1122.1	1119.8	1118.6	1117.2	1114.4	1111.6	1108.8	1106.0	1108.8	1111.6	1114.4
140°	1163.6	1161.0	1159.7	1158.8	1156.9	1155.0	1153.1	1151.2	1153.1	1155.0	1156.9
142.5°	1201.1	1198.0	1196.5	1195.7	1194.1	1192.4	1190.8	1189.2	1190.8	1192.4	1194.1
145°	1234.1	1230.1	1228.1	1228.2	1228.5	1228.7	1229.0	1229.2	1229.0	1228.7	1228.5
147.5°	1266.8	1262.8	1260.8	1261.1	1261.8	1262.5	1263.2	1263.9	1263.2	1262.5	1261.8
150°	1295.9	1292.2	1290.3	1291.1	1292.8	1294.4	1296.1	1297.7	1296.1	1294.4	1292.8
152.5°	1323.0	1319.5	1317.7	1318.6	1320.5	1322.4	1324.2	1326.1	1324.2	1322.4	1320.5
155°	1348.2	1345.4	1344.0	1345.1	1347.2	1349.3	1351.4	1353.5	1351.4	1349.3	1347.2
157.5°	1370.3	1368.2	1367.2	1368.1	1370.0	1371.9	1373.7	1375.6	1373.7	1371.9	1370.0
160°	1390.3	1388.9	1388.2	1388.9	1390.3	1391.8	1393.2	1394.6	1393.2	1391.8	1390.3
162.5°	1406.9	1405.7	1405.1	1405.8	1407.2	1408.6	1410.0	1411.4	1410.0	1408.6	1407.2
165°	1420.9	1420.2	1419.8	1420.5	1421.9	1423.4	1424.8	1426.2	1424.8	1423.4	1421.9
167.5°	1432.5	1431.8	1431.4	1432.1	1433.5	1434.9	1436.3	1437.7	1436.3	1434.9	1433.5
170°	1441.6	1441.1	1440.9	1441.6	1443.0	1444.4	1445.8	1447.2	1445.8	1444.4	1443.0
172.5°	1447.9	1447.4	1447.2	1447.9	1449.3	1450.7	1452.1	1453.5	1452.1	1450.7	1449.3
175°	1452.1	1451.6	1451.4	1452.2	1453.9	1455.5	1457.2	1458.8	1457.2	1455.5	1453.9
177.5°	1453.9	1453.6	1453.5	1454.3	1456.0	1457.6	1459.3	1460.9	1459.3	1457.6	1456.0
180°	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6

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CATALOG NUMBER: SA2XXRDIP-B865D1080UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8
2.5°	1860.9	1862.2	1866.1	1854.3	1836.0	1828.2	1804.7	1800.7	1796.8	1796.8	1800.7
5°	1819.0	1813.8	1815.1	1792.9	1766.7	1751.0	1718.3	1723.6	1706.6	1696.1	1698.7
7.5°	1773.3	1758.9	1757.6	1728.8	1696.1	1667.3	1633.3	1625.5	1609.8	1591.5	1583.6
10°	1715.7	1705.3	1685.7	1653.0	1611.1	1587.6	1541.8	1514.3	1510.4	1483.0	1472.5
12.5°	1656.9	1638.6	1619.0	1573.2	1526.1	1488.2	1454.2	1424.1	1403.2	1379.6	1364.0
15°	1588.9	1566.6	1544.4	1496.0	1441.1	1403.2	1352.2	1307.7	1246.3	1197.9	1170.4
17.5°	1514.3	1489.5	1459.4	1405.8	1352.2	1299.9	1205.7	1153.4	1110.3	1081.5	1064.5
20°	1437.2	1409.7	1379.6	1326.0	1233.2	1141.6	1089.3	1048.8	1022.6	993.9	972.9
22.5°	1356.1	1327.3	1294.6	1210.9	1112.9	1048.8	1008.3	970.3	932.4	916.7	906.3
25°	1280.3	1254.1	1212.3	1098.5	1021.3	962.5	916.7	891.9	872.2	851.3	831.7
27.5°	1201.8	1153.4	1094.6	999.1	950.7	890.6	857.9	839.6	805.6	791.2	782.0
30°	1107.6	1054.0	997.8	929.8	873.6	831.7	801.6	771.6	751.9	737.6	721.9
32.5°	1012.2	961.2	925.9	855.2	813.4	770.2	741.5	723.2	694.4	685.2	678.7
35°	929.8	886.6	855.2	797.7	758.5	719.2	698.3	670.9	652.6	635.6	625.1
37.5°	848.7	825.2	792.5	744.1	702.2	670.9	642.1	632.9	608.1	598.9	588.5
40°	792.5	757.2	729.7	687.9	652.6	618.6	600.2	579.3	562.3	547.9	544.0
42.5°	724.5	698.3	682.6	636.9	600.2	580.6	558.4	534.9	521.8	510.0	495.6
45°	673.5	649.9	627.7	591.1	558.4	533.5	513.9	498.2	476.0	470.8	448.5
47.5°	619.9	596.3	579.3	542.7	512.6	489.1	474.7	453.8	435.5	423.7	413.2
50°	566.2	546.6	530.9	499.5	473.4	448.5	428.9	408.0	400.2	380.5	374.0
52.5°	515.2	502.2	485.2	455.1	428.9	408.0	387.1	370.1	358.3	347.9	340.0
55°	472.1	451.2	443.3	410.6	388.4	366.2	347.9	337.4	323.0	316.5	309.9
57.5°	423.7	411.9	398.9	374.0	349.2	328.2	315.2	299.5	291.6	283.8	278.5
60°	381.9	364.9	354.4	333.5	311.2	291.6	279.9	268.1	257.6	251.1	240.6
62.5°	333.5	320.4	313.9	291.6	273.3	255.0	244.5	232.8	224.9	213.2	200.1
65°	291.6	281.2	273.3	255.0	238.0	221.0	210.5	196.2	185.7	179.2	177.8
67.5°	255.0	247.2	235.4	218.4	201.4	188.3	176.5	164.8	163.5	160.8	160.8
70°	214.5	206.6	200.1	181.8	167.4	153.0	150.4	146.5	142.5	141.2	138.6
72.5°	179.2	172.6	164.8	149.1	134.7	130.8	128.2	125.5	121.6	120.3	119.0
75°	145.2	136.0	130.8	116.4	112.5	109.8	107.2	103.3	100.7	99.4	96.8
77.5°	111.2	102.0	102.0	94.2	91.5	87.6	85.0	82.4	81.1	78.5	78.5
80°	78.5	78.5	75.8	71.9	68.0	66.7	62.8	61.5	60.2	61.5	58.8
82.5°	57.5	52.3	52.3	49.7	47.1	45.8	43.2	43.2	41.8	41.8	41.8
85°	32.7	32.7	31.4	28.8	27.5	27.5	26.2	26.2	24.8	24.8	23.5
87.5°	13.1	11.8	13.1	11.8	11.8	10.5	10.5	10.5	9.2	10.5	9.2
90°	11.3	12.6	13.5	15.4	17.3	19.2	21.1	22.3	23.4	24.6	25.7
92.5°	22.6	22.1	22.5	23.2	23.9	24.6	25.3	25.8	26.2	26.7	27.2
95°	37.6	33.7	34.5	36.2	37.8	39.5	41.1	42.3	43.4	44.6	45.7
97.5°	46.5	36.9	38.8	42.5	46.2	50.0	53.7	54.4	55.1	55.8	56.5
100°	58.1	42.1	44.1	48.1	52.0	56.0	60.0	61.9	63.8	65.7	67.6
102.5°	254.0	253.8	232.5	189.9	147.3	104.7	62.1	64.7	67.3	69.8	72.4
105°	348.3	351.8	319.9	256.0	192.1	128.2	64.3	66.9	69.4	72.0	74.5
107.5°	418.4	421.3	381.9	303.0	224.1	145.3	66.4	69.0	71.5	74.1	76.6
110°	486.2	488.7	454.9	387.2	319.6	251.9	184.3	160.9	137.5	114.1	90.7

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CATALOG NUMBER: SA2XXRDIP-B865D1080UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	550.9	553.0	551.0	547.0	543.1	539.1	535.1	434.2	333.3	232.4	131.5
115°	621.5	623.5	626.4	632.3	638.2	644.0	649.9	541.5	433.1	324.8	216.4
117.5°	686.6	688.9	690.9	694.9	698.8	702.8	706.8	673.3	639.8	606.3	572.8
120°	751.3	753.1	755.2	759.4	763.7	767.9	772.1	774.9	777.7	780.5	783.3
122.5°	811.2	813.1	815.4	820.1	824.8	829.5	834.2	835.6	837.0	838.4	839.8
125°	868.5	870.0	872.2	876.7	881.1	885.6	890.0	891.6	893.3	894.9	896.6
127.5°	924.2	925.8	927.6	931.1	934.6	938.1	941.6	944.0	946.3	948.7	951.0
130°	977.7	979.6	980.9	983.4	986.0	988.5	991.1	993.7	996.3	998.8	1001.4
132.5°	1027.6	1029.1	1030.4	1032.9	1035.5	1038.0	1040.6	1042.7	1044.8	1046.9	1049.0
135°	1074.6	1076.5	1077.5	1079.6	1081.7	1083.8	1085.9	1088.3	1090.6	1093.0	1095.3
137.5°	1117.2	1118.6	1119.8	1122.1	1124.4	1126.8	1129.1	1131.5	1133.8	1136.2	1138.5
140°	1158.8	1159.7	1161.0	1163.6	1166.1	1168.7	1171.3	1173.4	1175.5	1177.6	1179.7
142.5°	1195.7	1196.5	1198.0	1201.1	1204.1	1207.2	1210.2	1212.1	1214.0	1215.9	1217.8
145°	1228.2	1228.1	1230.1	1234.1	1238.0	1242.0	1246.0	1247.6	1249.3	1250.9	1252.6
147.5°	1261.1	1260.8	1262.8	1266.8	1270.7	1274.7	1278.7	1279.9	1281.1	1282.2	1283.4
150°	1291.1	1290.3	1292.2	1295.9	1299.6	1303.4	1307.1	1308.5	1309.9	1311.4	1312.8
152.5°	1318.6	1317.7	1319.5	1323.0	1326.5	1330.0	1333.5	1334.9	1336.3	1337.7	1339.1
155°	1345.1	1344.0	1345.4	1348.2	1351.0	1353.8	1356.6	1358.0	1359.4	1360.9	1362.3
157.5°	1368.1	1367.2	1368.2	1370.3	1372.4	1374.5	1376.6	1378.2	1379.9	1381.5	1383.2
160°	1388.9	1388.2	1388.9	1390.3	1391.8	1393.2	1394.6	1396.0	1397.4	1398.8	1400.2
162.5°	1405.8	1405.1	1405.7	1406.9	1408.0	1409.2	1410.4	1412.0	1413.6	1415.3	1416.9
165°	1420.5	1419.8	1420.2	1420.9	1421.6	1422.3	1423.0	1424.6	1426.3	1427.9	1429.6
167.5°	1432.1	1431.4	1431.8	1432.5	1433.2	1433.9	1434.6	1436.2	1437.9	1439.5	1441.2
170°	1441.6	1440.9	1441.1	1441.6	1442.1	1442.5	1443.0	1444.6	1446.3	1447.9	1449.6
172.5°	1447.9	1447.2	1447.4	1447.9	1448.4	1448.8	1449.3	1450.9	1452.6	1454.2	1455.9
175°	1452.2	1451.4	1451.6	1452.1	1452.6	1453.0	1453.5	1455.1	1456.8	1458.4	1460.1
177.5°	1454.3	1453.5	1453.6	1453.9	1454.1	1454.4	1454.6	1456.2	1457.9	1459.5	1461.2
180°	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6

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CATALOG NUMBER: SA2XXRDIP-B865D1080UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8
2.5°	1800.7	1798.1	1790.3	1792.9	1789.0	1789.0	1786.3	1786.3	1786.3	1792.9	1789.0
5°	1702.7	1693.5	1684.3	1680.4	1676.5	1672.6	1672.6	1671.3	1683.0	1680.4	1690.9
7.5°	1581.0	1578.4	1560.1	1560.1	1553.6	1551.0	1557.5	1558.8	1560.1	1562.7	1569.3
10°	1472.5	1466.0	1439.8	1442.4	1438.5	1433.3	1437.2	1434.6	1443.7	1446.3	1443.7
12.5°	1344.3	1332.6	1303.8	1289.4	1273.7	1261.9	1276.3	1265.9	1302.5	1313.0	1341.7
15°	1174.3	1152.1	1132.5	1132.5	1118.1	1107.6	1114.2	1125.9	1133.8	1145.6	1150.8
17.5°	1060.6	1051.4	1035.7	1026.6	1022.6	1018.7	1018.7	1023.9	1040.9	1039.6	1050.1
20°	963.8	958.6	950.7	938.9	935.0	932.4	932.4	932.4	944.2	954.6	961.2
22.5°	897.1	893.2	887.9	872.2	864.4	861.8	868.3	872.2	881.4	889.2	895.8
25°	830.4	821.2	812.1	806.9	802.9	802.9	805.6	806.9	810.8	814.7	822.6
27.5°	775.5	768.9	755.9	741.5	741.5	737.6	740.2	742.8	751.9	765.0	771.6
30°	714.0	712.7	707.5	702.2	697.0	694.4	699.6	703.6	704.9	711.4	711.4
32.5°	669.6	660.4	651.2	646.0	643.4	642.1	643.4	648.6	648.6	656.5	665.6
35°	625.1	619.9	610.7	601.6	598.9	592.4	597.6	602.9	612.0	615.9	619.9
37.5°	576.7	570.2	566.2	563.6	558.4	559.7	555.8	563.6	571.5	570.2	572.8
40°	540.1	528.3	516.5	515.2	513.9	512.6	512.6	513.9	519.2	524.4	532.2
42.5°	493.0	489.1	478.6	468.2	465.5	462.9	460.3	465.5	476.0	485.2	489.1
45°	444.6	439.4	436.8	428.9	423.7	422.4	419.8	426.3	435.5	439.4	442.0
47.5°	400.2	398.9	391.0	392.3	388.4	389.7	388.4	392.3	392.3	396.2	398.9
50°	370.1	366.2	362.2	359.6	355.7	355.7	354.4	355.7	360.9	366.2	364.9
52.5°	340.0	333.5	332.2	330.9	328.2	330.9	326.9	328.2	333.5	336.1	334.8
55°	304.7	303.4	300.8	298.2	296.9	295.5	295.5	295.5	300.8	304.7	306.0
57.5°	277.2	270.7	265.5	265.5	260.2	258.9	261.5	262.9	266.8	269.4	272.0
60°	239.3	236.7	228.9	224.9	217.1	215.8	215.8	221.0	227.5	236.7	239.3
62.5°	198.8	194.9	193.5	193.5	193.5	193.5	193.5	193.5	193.5	194.9	194.9
65°	176.5	177.8	176.5	175.2	176.5	176.5	175.2	175.2	175.2	176.5	177.8
67.5°	158.2	156.9	158.2	156.9	155.6	155.6	154.3	155.6	156.9	158.2	158.2
70°	137.3	137.3	136.0	137.3	136.0	134.7	133.4	133.4	136.0	137.3	137.3
72.5°	117.7	117.7	116.4	116.4	113.8	113.8	115.1	113.8	113.8	117.7	117.7
75°	98.1	96.8	95.5	95.5	94.2	94.2	94.2	92.8	95.5	95.5	96.8
77.5°	77.2	77.2	77.2	75.8	75.8	74.5	74.5	75.8	75.8	75.8	77.2
80°	58.8	58.8	58.8	57.5	56.2	56.2	56.2	56.2	56.2	57.5	56.2
82.5°	40.5	40.5	40.5	40.5	40.5	39.2	39.2	39.2	40.5	40.5	39.2
85°	24.8	23.5	24.8	24.8	23.5	24.8	23.5	23.5	22.2	22.2	23.5
87.5°	10.5	9.2	7.8	7.8	9.2	7.8	7.8	7.8	9.2	7.8	7.8
90°	26.3	26.5	27.0	27.5	27.9	28.4	27.9	27.5	27.0	26.5	26.3
92.5°	27.4	27.5	27.7	28.0	28.2	28.4	28.2	28.0	27.7	27.5	27.4
95°	46.3	46.2	46.0	45.7	45.5	45.3	45.5	45.7	46.0	46.2	46.3
97.5°	56.9	57.0	57.2	57.5	57.7	57.9	57.7	57.5	57.2	57.0	56.9
100°	68.5	68.7	69.2	69.7	70.1	70.6	70.1	69.7	69.2	68.7	68.5
102.5°	73.7	74.1	74.8	75.5	76.2	76.9	76.2	75.5	74.8	74.1	73.7
105°	75.8	76.3	77.2	78.1	79.1	80.0	79.1	78.1	77.2	76.3	75.8
107.5°	77.9	78.4	79.3	80.3	81.2	82.2	81.2	80.3	79.3	78.4	77.9
110°	79.0	79.5	80.4	81.3	82.3	83.2	82.3	81.3	80.4	79.5	79.0

TEST NUMBER: P1000067

CATALOG NUMBER: SA2XXRDIP-B865D1080UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	81.1	81.5	82.2	82.9	83.6	84.3	83.6	82.9	82.2	81.5	81.1
115°	162.2	153.8	136.9	120.1	103.2	86.4	103.2	120.1	136.9	153.8	162.2
117.5°	556.1	525.4	464.1	402.8	341.5	280.2	341.5	402.8	464.1	525.4	556.1
120°	784.7	768.9	737.3	705.7	674.1	642.5	674.1	705.7	737.3	768.9	784.7
122.5°	840.5	840.6	840.9	841.1	841.4	841.6	841.4	841.1	840.9	840.6	840.5
125°	897.4	897.8	898.5	899.2	899.9	900.6	899.9	899.2	898.5	897.8	897.4
127.5°	952.2	952.3	952.5	952.8	953.0	953.2	953.0	952.8	952.5	952.3	952.2
130°	1002.7	1002.6	1002.4	1002.1	1001.9	1001.7	1001.9	1002.1	1002.4	1002.6	1002.7
132.5°	1050.1	1050.0	1049.8	1049.5	1049.3	1049.1	1049.3	1049.5	1049.8	1050.0	1050.1
135°	1096.5	1096.3	1095.8	1095.3	1094.9	1094.4	1094.9	1095.3	1095.8	1096.3	1096.5
137.5°	1139.7	1139.3	1138.6	1137.9	1137.2	1136.5	1137.2	1137.9	1138.6	1139.3	1139.7
140°	1180.7	1180.1	1179.0	1177.8	1176.7	1175.5	1176.7	1177.8	1179.0	1180.1	1180.7
142.5°	1218.7	1218.1	1216.9	1215.8	1214.6	1213.4	1214.6	1215.8	1216.9	1218.1	1218.7
145°	1253.4	1252.8	1251.6	1250.5	1249.3	1248.1	1249.3	1250.5	1251.6	1252.8	1253.4
147.5°	1284.0	1283.5	1282.6	1281.6	1280.7	1279.7	1280.7	1281.6	1282.6	1283.5	1284.0
150°	1313.5	1312.9	1311.7	1310.6	1309.4	1308.2	1309.4	1310.6	1311.7	1312.9	1313.5
152.5°	1339.8	1339.0	1337.3	1335.7	1334.0	1332.4	1334.0	1335.7	1337.3	1339.0	1339.8
155°	1363.0	1362.1	1360.2	1358.3	1356.4	1354.5	1356.4	1358.3	1360.2	1362.1	1363.0
157.5°	1384.0	1383.1	1381.2	1379.3	1377.5	1375.6	1377.5	1379.3	1381.2	1383.1	1384.0
160°	1400.9	1400.1	1398.4	1396.8	1395.1	1393.5	1395.1	1396.8	1398.4	1400.1	1400.9
162.5°	1417.7	1416.6	1414.5	1412.4	1410.3	1408.2	1410.3	1412.4	1414.5	1416.6	1417.7
165°	1430.4	1429.6	1427.9	1426.3	1424.6	1423.0	1424.6	1426.3	1427.9	1429.6	1430.4
167.5°	1442.0	1440.9	1438.8	1436.7	1434.6	1432.5	1434.6	1436.7	1438.8	1440.9	1442.0
170°	1450.4	1449.3	1447.2	1445.1	1443.0	1440.9	1443.0	1445.1	1447.2	1449.3	1450.4
172.5°	1456.7	1455.6	1453.5	1451.4	1449.3	1447.2	1449.3	1451.4	1453.5	1455.6	1456.7
175°	1460.9	1459.7	1457.4	1455.1	1452.7	1450.4	1452.7	1455.1	1457.4	1459.7	1460.9
177.5°	1462.0	1460.9	1458.8	1456.7	1454.6	1452.5	1454.6	1456.7	1458.8	1460.9	1462.0
180°	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6

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CATALOG NUMBER: SA2XXRDIP-B865D1080UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8
2.5°	1792.9	1799.4	1796.8	1782.4	1796.8	1800.7	1808.6	1816.4	1821.7	1829.5	1836.0
5°	1680.4	1693.5	1701.3	1693.5	1719.7	1723.6	1741.9	1752.3	1768.0	1781.1	1791.6
7.5°	1574.5	1585.0	1600.6	1603.3	1619.0	1637.3	1663.4	1689.6	1714.4	1727.5	1739.3
10°	1460.7	1479.0	1502.6	1497.3	1520.9	1549.6	1577.1	1619.0	1639.9	1663.4	1684.3
12.5°	1347.0	1358.7	1390.1	1400.6	1434.6	1456.8	1494.7	1520.9	1573.2	1600.6	1619.0
15°	1148.2	1196.6	1235.8	1282.9	1327.3	1369.2	1403.2	1450.3	1496.0	1517.0	1547.0
17.5°	1057.9	1080.2	1103.7	1127.3	1184.8	1259.3	1319.5	1370.5	1409.7	1437.2	1472.5
20°	963.8	986.0	1012.2	1034.4	1069.7	1123.3	1197.9	1285.5	1332.6	1361.3	1395.3
22.5°	897.1	918.0	935.0	954.6	982.1	1021.3	1077.6	1186.1	1248.9	1284.2	1314.3
25°	825.2	851.3	869.6	884.0	906.3	949.4	995.2	1056.6	1169.1	1196.6	1238.4
27.5°	775.5	783.3	804.2	826.5	848.7	872.2	919.3	971.6	1047.5	1107.6	1158.6
30°	716.6	736.2	755.9	765.0	784.6	818.6	847.4	903.6	962.5	1009.6	1071.0
32.5°	672.2	683.9	697.0	719.2	737.6	761.1	789.9	836.9	886.6	916.7	963.8
35°	622.5	630.3	657.8	666.9	685.2	708.8	737.6	774.2	827.8	851.3	885.3
37.5°	575.4	593.7	601.6	622.5	639.5	663.0	683.9	725.8	761.1	788.6	819.9
40°	538.8	546.6	561.0	579.3	593.7	612.0	638.2	668.2	706.2	728.4	755.9
42.5°	494.3	500.9	519.2	529.6	553.2	570.2	585.9	622.5	656.5	673.5	700.9
45°	445.9	461.6	473.4	494.3	507.4	528.3	547.9	574.1	605.5	625.1	640.8
47.5°	404.1	419.8	431.5	451.2	472.1	481.2	502.2	529.6	558.4	574.1	596.3
50°	370.1	375.3	397.5	406.7	428.9	447.2	461.6	485.2	516.5	525.7	544.0
52.5°	337.4	341.3	355.7	367.5	387.1	402.8	421.1	443.3	469.5	483.9	498.2
55°	308.6	311.2	317.8	330.9	343.9	363.5	380.5	401.5	423.7	439.4	452.5
57.5°	275.9	281.2	286.4	294.2	307.3	325.6	343.9	363.5	381.9	392.3	409.3
60°	238.0	245.9	255.0	264.2	273.3	286.4	307.3	325.6	342.6	351.8	364.9
62.5°	197.5	213.2	221.0	231.5	239.3	251.1	266.8	287.7	299.5	311.2	321.7
65°	177.8	179.2	180.5	190.9	205.3	217.1	231.5	247.2	265.5	273.3	281.2
67.5°	158.2	159.5	162.2	163.5	168.7	181.8	197.5	214.5	228.9	234.1	241.9
70°	138.6	138.6	143.8	145.2	146.5	147.8	160.8	177.8	190.9	197.5	206.6
72.5°	117.7	119.0	121.6	122.9	125.5	128.2	132.1	141.2	156.9	163.5	173.9
75°	96.8	98.1	99.4	100.7	104.6	105.9	109.8	115.1	121.6	129.5	136.0
77.5°	77.2	77.2	78.5	81.1	83.7	85.0	88.9	91.5	94.2	98.1	103.3
80°	57.5	58.8	58.8	61.5	61.5	62.8	64.1	68.0	70.6	73.2	75.8
82.5°	39.2	41.8	41.8	41.8	43.2	44.5	45.8	45.8	48.4	49.7	53.6
85°	23.5	24.8	24.8	24.8	23.5	26.2	26.2	27.5	27.5	27.5	28.8
87.5°	9.2	7.8	9.2	9.2	9.2	10.5	9.2	9.2	10.5	11.8	11.8
90°	25.7	24.6	23.4	22.3	21.1	19.2	17.3	15.4	13.5	12.6	11.3
92.5°	27.2	26.7	26.2	25.8	25.3	24.6	23.9	23.2	22.5	22.1	22.6
95°	45.7	44.6	43.4	42.3	41.1	39.5	37.8	36.2	34.5	33.7	37.6
97.5°	56.5	55.8	55.1	54.4	53.7	50.0	46.2	42.5	38.8	36.9	46.5
100°	67.6	65.7	63.8	61.9	60.0	56.0	52.0	48.1	44.1	42.1	58.1
102.5°	72.4	69.8	67.3	64.7	62.1	104.7	147.3	189.9	232.5	253.8	254.0
105°	74.5	72.0	69.4	66.9	64.3	128.2	192.1	256.0	319.9	351.8	348.3
107.5°	76.6	74.1	71.5	69.0	66.4	145.3	224.1	303.0	381.9	421.3	418.4
110°	90.7	114.1	137.5	160.9	184.3	251.9	319.6	387.2	454.9	488.7	486.2

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CATALOG NUMBER: SA2XXRDIP-B865D1080UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	131.5	232.4	333.3	434.2	535.1	539.1	543.1	547.0	551.0	553.0	550.9
115°	216.4	324.8	433.1	541.5	649.9	644.0	638.2	632.3	626.4	623.5	621.5
117.5°	572.8	606.3	639.8	673.3	706.8	702.8	698.8	694.9	690.9	688.9	686.6
120°	783.3	780.5	777.7	774.9	772.1	767.9	763.7	759.4	755.2	753.1	751.3
122.5°	839.8	838.4	837.0	835.6	834.2	829.5	824.8	820.1	815.4	813.1	811.2
125°	896.6	894.9	893.3	891.6	890.0	885.6	881.1	876.7	872.2	870.0	868.5
127.5°	951.0	948.7	946.3	944.0	941.6	938.1	934.6	931.1	927.6	925.8	924.2
130°	1001.4	998.8	996.3	993.7	991.1	988.5	986.0	983.4	980.9	979.6	977.7
132.5°	1049.0	1046.9	1044.8	1042.7	1040.6	1038.0	1035.5	1032.9	1030.4	1029.1	1027.6
135°	1095.3	1093.0	1090.6	1088.3	1085.9	1083.8	1081.7	1079.6	1077.5	1076.5	1074.6
137.5°	1138.5	1136.2	1133.8	1131.5	1129.1	1126.8	1124.4	1122.1	1119.8	1118.6	1117.2
140°	1179.7	1177.6	1175.5	1173.4	1171.3	1168.7	1166.1	1163.6	1161.0	1159.7	1158.8
142.5°	1217.8	1215.9	1214.0	1212.1	1210.2	1207.2	1204.1	1201.1	1198.0	1196.5	1195.7
145°	1252.6	1250.9	1249.3	1247.6	1246.0	1242.0	1238.0	1234.1	1230.1	1228.1	1228.2
147.5°	1283.4	1282.2	1281.1	1279.9	1278.7	1274.7	1270.7	1266.8	1262.8	1260.8	1261.1
150°	1312.8	1311.4	1309.9	1308.5	1307.1	1303.4	1299.6	1295.9	1292.2	1290.3	1291.1
152.5°	1339.1	1337.7	1336.3	1334.9	1333.5	1330.0	1326.5	1323.0	1319.5	1317.7	1318.6
155°	1362.3	1360.9	1359.4	1358.0	1356.6	1353.8	1351.0	1348.2	1345.4	1344.0	1345.1
157.5°	1383.2	1381.5	1379.9	1378.2	1376.6	1374.5	1372.4	1370.3	1368.2	1367.2	1368.1
160°	1400.2	1398.8	1397.4	1396.0	1394.6	1393.2	1391.8	1390.3	1388.9	1388.2	1388.9
162.5°	1416.9	1415.3	1413.6	1412.0	1410.4	1409.2	1408.0	1406.9	1405.7	1405.1	1405.8
165°	1429.6	1427.9	1426.3	1424.6	1423.0	1422.3	1421.6	1420.9	1420.2	1419.8	1420.5
167.5°	1441.2	1439.5	1437.9	1436.2	1434.6	1433.9	1433.2	1432.5	1431.8	1431.4	1432.1
170°	1449.6	1447.9	1446.3	1444.6	1443.0	1442.5	1442.1	1441.6	1441.1	1440.9	1441.6
172.5°	1455.9	1454.2	1452.6	1450.9	1449.3	1448.8	1448.4	1447.9	1447.4	1447.2	1447.9
175°	1460.1	1458.4	1456.8	1455.1	1453.5	1453.0	1452.6	1452.1	1451.6	1451.4	1452.2
177.5°	1461.2	1459.5	1457.9	1456.2	1454.6	1454.4	1454.1	1453.9	1453.6	1453.5	1454.3
180°	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6	1455.6

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1881.8	1881.8	1881.8	1881.8
2.5°	1847.8	1843.9	1867.4	1893.6
5°	1809.9	1816.4	1846.5	1883.1
7.5°	1770.7	1785.0	1820.3	1868.7
10°	1715.7	1741.9	1795.5	1845.2
12.5°	1662.1	1697.4	1748.4	1807.3
15°	1602.0	1641.2	1704.0	1774.6
17.5°	1535.3	1579.7	1653.0	1730.1
20°	1464.6	1523.5	1600.6	1684.3
22.5°	1386.2	1456.8	1536.6	1629.4
25°	1310.3	1387.5	1467.3	1574.5
27.5°	1235.8	1311.6	1400.6	1509.1
30°	1161.3	1230.6	1326.0	1442.4
32.5°	1081.5	1153.4	1254.1	1373.1
35°	1008.3	1080.2	1174.3	1292.0
37.5°	929.8	1006.9	1097.2	1218.8
40°	838.2	928.5	1016.1	1132.5
42.5°	762.4	857.9	942.9	1052.7
45°	702.2	792.5	863.1	970.3
47.5°	646.0	719.2	791.2	890.6
50°	592.4	648.6	723.2	812.1
52.5°	537.5	585.9	649.9	733.6
55°	487.8	533.5	591.1	655.2
57.5°	442.0	474.7	532.2	589.8
60°	391.0	425.0	469.5	517.9
62.5°	347.9	374.0	415.9	456.4
65°	302.1	326.9	358.3	396.2
67.5°	260.2	282.5	307.3	337.4
70°	222.3	239.3	257.6	283.8
72.5°	181.8	200.1	217.1	238.0
75°	149.1	156.9	171.3	185.7
77.5°	115.1	125.5	133.4	145.2
80°	82.4	91.5	94.2	103.3
82.5°	54.9	60.2	65.4	68.0
85°	31.4	34.0	39.2	40.5
87.5°	11.8	13.1	15.7	18.3
90°	8.8	6.2	3.7	1.1
92.5°	23.5	24.4	25.4	26.3
95°	45.3	53.0	60.8	68.5
97.5°	65.7	84.8	104.0	123.2
100°	90.2	122.3	154.3	186.4
102.5°	254.5	255.0	255.4	255.9
105°	341.3	334.2	327.2	320.2
107.5°	412.5	406.7	400.8	395.0
110°	481.3	476.4	471.5	466.6

TEST NUMBER: P1000067

CATALOG NUMBER: SA2XXRDIP-B865D1080UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	546.7	542.4	538.2	534.0
115°	617.5	613.6	609.6	605.6
117.5°	681.9	677.2	672.5	667.8
120°	747.8	744.3	740.8	737.3
122.5°	807.5	803.8	800.0	796.3
125°	865.4	862.4	859.3	856.3
127.5°	920.9	917.6	914.4	911.1
130°	974.0	970.2	966.5	962.7
132.5°	1024.5	1021.5	1018.4	1015.4
135°	1070.9	1067.1	1063.4	1059.6
137.5°	1114.4	1111.6	1108.8	1106.0
140°	1156.9	1155.0	1153.1	1151.2
142.5°	1194.1	1192.4	1190.8	1189.2
145°	1228.5	1228.7	1229.0	1229.2
147.5°	1261.8	1262.5	1263.2	1263.9
150°	1292.8	1294.4	1296.1	1297.7
152.5°	1320.5	1322.4	1324.2	1326.1
155°	1347.2	1349.3	1351.4	1353.5
157.5°	1370.0	1371.9	1373.7	1375.6
160°	1390.3	1391.8	1393.2	1394.6
162.5°	1407.2	1408.6	1410.0	1411.4
165°	1421.9	1423.4	1424.8	1426.2
167.5°	1433.5	1434.9	1436.3	1437.7
170°	1443.0	1444.4	1445.8	1447.2
172.5°	1449.3	1450.7	1452.1	1453.5
175°	1453.9	1455.5	1457.2	1458.8
177.5°	1456.0	1457.6	1459.3	1460.9
180°	1455.6	1455.6	1455.6	1455.6

(END OF REPORT)