

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: P1008524

Luminaire Tested: S122RDIP-B865D725UB2750-4F0-XX-W2A-A_2700K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1008524
REPORT IS A COMBINATION OF REPORTS P988745 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122RDIP-B865D725UB2750-4F0-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

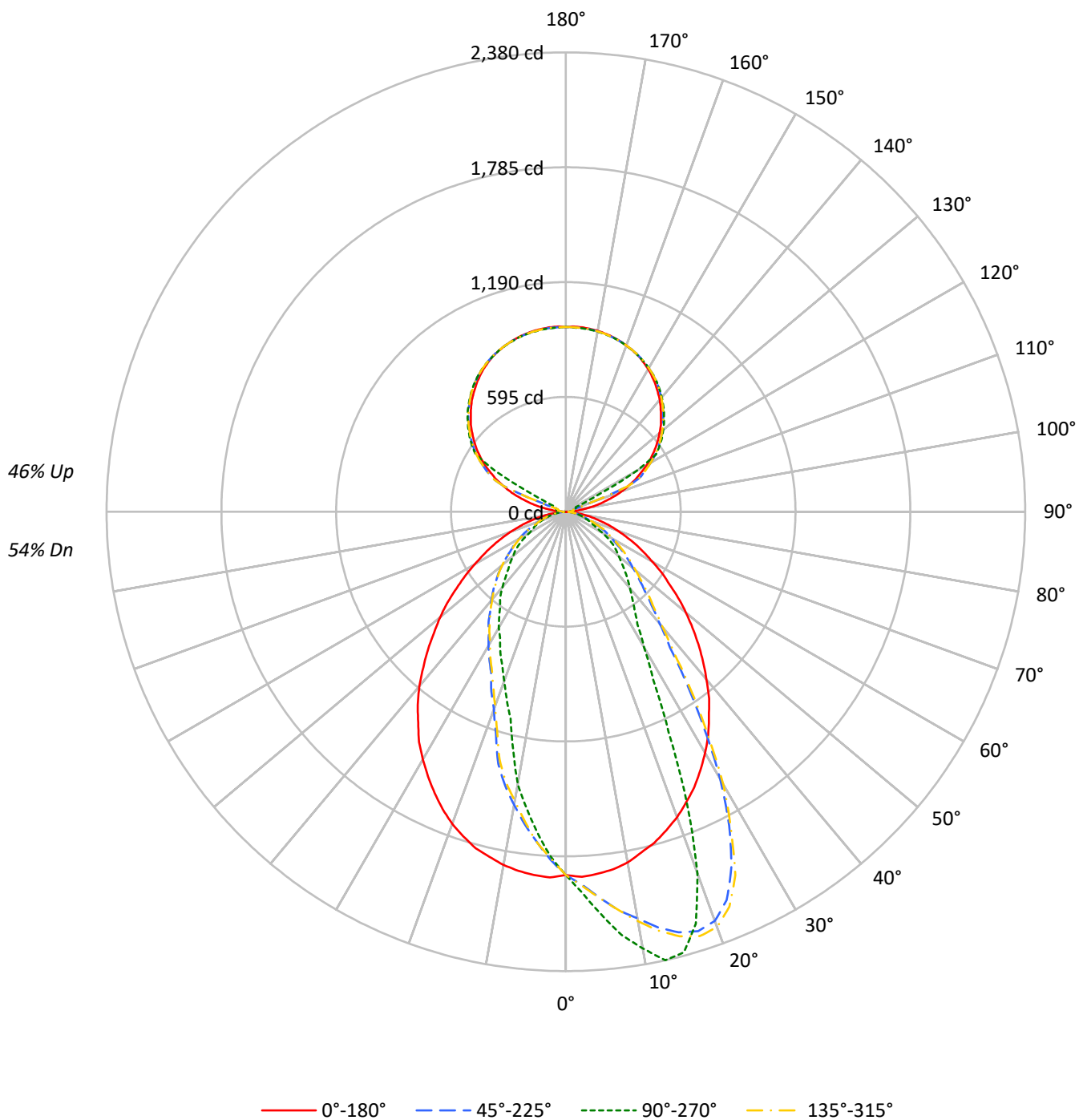
Lumens per Lamp: N/A
Luminaire Lumens: 6060.0 lumens
Efficiency: N/A
Efficacy: 89.2 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 67.9
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: P1008524

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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	108	108	108	108	100	100	100	100	85	85	85	72	72	72	60	60	60	54	54	54
1	99	95	92	89	92	89	86	83	76	74	72	65	63	62	54	53	52	47	47	47
2	91	84	79	74	85	79	74	69	68	64	61	58	55	53	49	47	45	41	41	41
3	84	75	68	63	78	70	64	59	61	56	52	52	49	46	44	41	39	36	36	36
4	77	67	60	54	72	63	56	51	55	49	45	47	43	40	40	37	35	31	31	31
5	71	60	53	47	66	56	50	45	49	44	40	43	39	35	36	33	31	28	28	28
6	66	55	47	41	61	51	44	39	45	39	35	39	35	32	33	30	28	25	25	25
7	61	50	42	37	57	47	40	35	41	36	32	36	32	28	31	28	25	23	23	23
8	57	45	38	33	53	43	36	31	38	32	29	33	29	26	29	25	23	21	21	21
9	53	42	34	30	50	39	33	28	35	30	26	31	26	23	27	23	21	19	19	19
10	50	38	32	27	47	36	30	26	32	27	24	28	24	21	25	22	19	17	17	17

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	2.9
10°-20°	498.2	8.2
20°-30°	641.2	10.6
30°-40°	608.3	10.0
40°-50°	521.3	8.6
50°-60°	397.0	6.6
60°-70°	250.4	4.1
70°-80°	124.9	2.1
80°-90°	33.8	0.6
90°-100°	31.6	0.5
100°-110°	117.7	1.9
110°-120°	312.1	5.1
120°-130°	517.6	8.5
130°-140°	549.8	9.1
140°-150°	511.0	8.4
150°-160°	410.8	6.8
160°-170°	264.7	4.4
170°-180°	91.1	1.5
0°-30°	1317.9	21.7
0°-40°	1926.2	31.8
0°-60°	2844.6	46.9
0°-90°	3253.7	53.7
90°-120°	461.3	7.6
90°-150°	2039.7	33.7
90°-180°	2806.0	46.3
0°-180°	6060.0	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	19	1	19	1	5
95°	45	30	45	30	45	53
105°	211	53	211	53	211	225
115°	398	57	398	57	398	392
125°	563	592	563	592	563	502
135°	697	720	697	720	697	538
145°	808	821	808	821	808	506
155°	890	891	890	891	890	410
165°	938	936	938	936	938	265
175°	959	954	959	954	959	91
180°	957	957	957	957	957	

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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°	0.7	2.4	4.1	5.8	7.5	8.3	8.9	10.2	11.4	12.7	13.9
92.5°	17.3	16.7	16.1	15.4	14.8	14.5	14.7	15.2	15.7	16.1	16.6
95°	45.0	39.9	34.9	29.8	24.7	22.2	22.7	23.8	24.9	25.9	27.0
97.5°	81.0	68.4	55.8	43.1	30.5	24.2	25.4	27.9	30.4	32.8	35.3
100°	122.6	101.5	80.4	59.3	38.2	27.7	29.0	31.6	34.3	36.9	39.5
102.5°	168.3	168.0	167.7	167.4	167.1	166.9	152.9	124.9	96.9	68.9	40.9
105°	210.6	215.2	219.8	224.4	229.0	231.3	210.3	168.3	126.3	84.3	42.3
107.5°	259.7	263.6	267.4	271.3	275.2	277.1	251.2	199.3	147.4	95.5	43.6
110°	306.8	310.0	313.3	316.5	319.8	321.4	299.2	254.7	210.2	165.7	121.2

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	351.2	354.0	356.7	359.5	362.2	363.6	362.3	359.7	357.1	354.5	351.9
115°	398.3	400.9	403.5	406.2	408.8	410.1	412.0	415.9	419.7	423.6	427.4
117.5°	439.1	442.2	445.3	448.4	451.5	453.0	454.3	456.9	459.6	462.2	464.8
120°	484.9	487.2	489.5	491.8	494.1	495.2	496.6	499.4	502.1	504.9	507.7
122.5°	523.6	526.1	528.5	531.0	533.5	534.7	536.2	539.3	542.4	545.5	548.6
125°	563.1	565.1	567.1	569.1	571.1	572.1	573.6	576.5	579.4	582.4	585.3
127.5°	599.1	601.3	603.4	605.6	607.7	608.8	610.0	612.3	614.6	616.9	619.2
130°	633.1	635.6	638.0	640.5	643.0	644.2	645.0	646.7	648.4	650.1	651.8
132.5°	667.7	669.7	671.7	673.7	675.7	676.7	677.5	679.2	680.9	682.6	684.3
135°	696.8	699.3	701.7	704.2	706.7	707.9	708.6	710.0	711.3	712.7	714.1
137.5°	727.3	729.1	731.0	732.8	734.7	735.6	736.4	737.9	739.4	741.0	742.5
140°	757.1	758.3	759.5	760.8	762.0	762.6	763.4	765.1	766.8	768.5	770.2
142.5°	782.0	783.1	784.2	785.3	786.4	786.9	787.9	789.9	791.9	793.9	795.9
145°	808.3	808.1	808.0	807.8	807.7	807.6	808.9	811.5	814.2	816.8	819.4
147.5°	831.2	830.7	830.3	829.8	829.3	829.1	830.4	833.0	835.7	838.3	840.9
150°	853.3	852.2	851.2	850.1	849.0	848.5	849.7	852.2	854.7	857.1	859.6
152.5°	872.1	870.9	869.6	868.4	867.1	866.5	867.7	870.0	872.3	874.6	876.9
155°	890.1	888.7	887.3	885.9	884.5	883.8	884.7	886.6	888.4	890.3	892.1
157.5°	904.6	903.4	902.2	900.9	899.7	899.1	899.8	901.2	902.5	903.9	905.3
160°	917.1	916.2	915.2	914.3	913.4	912.9	913.4	914.3	915.2	916.2	917.1
162.5°	928.2	927.3	926.3	925.4	924.5	924.0	924.4	925.2	925.9	926.7	927.5
165°	937.9	937.0	936.0	935.1	934.2	933.7	933.9	934.4	934.9	935.3	935.8
167.5°	945.5	944.6	943.6	942.7	941.8	941.3	941.5	942.0	942.5	942.9	943.4
170°	951.7	950.8	949.9	949.0	948.1	947.6	947.7	948.0	948.3	948.6	948.9
172.5°	955.9	955.0	954.0	953.1	952.2	951.7	951.9	952.2	952.5	952.8	953.1
175°	959.3	958.2	957.2	956.1	955.0	954.5	954.7	955.0	955.3	955.6	955.9
177.5°	960.7	959.6	958.6	957.5	956.4	955.9	956.0	956.1	956.3	956.4	956.6
180°	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2

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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°	14.7	15.4	16.2	16.9	17.3	17.5	17.8	18.1	18.4	18.7	18.4
92.5°	16.9	17.2	17.5	17.8	18.0	18.1	18.2	18.4	18.5	18.7	18.5
95°	27.8	28.6	29.3	30.1	30.5	30.4	30.3	30.1	30.0	29.8	30.0
97.5°	35.8	36.2	36.7	37.2	37.4	37.5	37.6	37.8	37.9	38.1	37.9
100°	40.7	41.9	43.2	44.4	45.0	45.2	45.5	45.8	46.1	46.4	46.1
102.5°	42.6	44.3	46.0	47.7	48.5	48.7	49.2	49.7	50.1	50.6	50.1
105°	44.0	45.7	47.4	49.1	49.9	50.2	50.8	51.4	52.0	52.6	52.0
107.5°	45.3	47.0	48.7	50.4	51.3	51.6	52.2	52.8	53.4	54.0	53.4
110°	105.8	90.4	75.0	59.6	51.9	52.2	52.8	53.5	54.1	54.7	54.1

TEST NUMBER: P1008524

CATALOG NUMBER: S122RDIP-B865D725UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	285.5	219.2	152.8	86.5	53.3	53.5	54.0	54.5	54.9	55.4	54.9
115°	356.1	284.9	213.6	142.3	106.7	101.2	90.1	79.0	67.9	56.8	67.9
117.5°	442.8	420.8	398.7	376.7	365.7	345.5	305.2	264.9	224.5	184.2	224.5
120°	509.5	511.4	513.2	515.1	516.0	505.6	484.8	464.1	443.3	422.5	443.3
122.5°	549.5	550.4	551.3	552.2	552.7	552.8	552.9	553.1	553.2	553.4	553.2
125°	586.4	587.4	588.5	589.6	590.1	590.3	590.8	591.3	591.7	592.2	591.7
127.5°	620.8	622.3	623.9	625.4	626.2	626.3	626.4	626.6	626.7	626.9	626.7
130°	653.5	655.2	656.9	658.6	659.4	659.3	659.2	659.0	658.9	658.7	658.9
132.5°	685.7	687.1	688.5	689.9	690.6	690.5	690.4	690.2	690.1	689.9	690.1
135°	715.7	717.2	718.8	720.3	721.1	720.9	720.6	720.3	720.0	719.7	720.0
137.5°	744.1	745.6	747.2	748.7	749.5	749.3	748.8	748.3	747.9	747.4	747.9
140°	771.6	773.0	774.4	775.8	776.5	776.1	775.3	774.6	773.8	773.0	773.8
142.5°	797.1	798.3	799.6	800.8	801.4	801.0	800.2	799.5	798.7	797.9	798.7
145°	820.5	821.6	822.7	823.8	824.3	823.9	823.1	822.4	821.6	820.8	821.6
147.5°	841.7	842.4	843.2	843.9	844.3	844.0	843.4	842.8	842.2	841.6	842.2
150°	860.5	861.4	862.3	863.2	863.7	863.3	862.6	861.8	861.1	860.3	861.1
152.5°	877.8	878.8	879.7	880.6	881.1	880.6	879.5	878.4	877.3	876.2	877.3
155°	893.0	894.0	894.9	895.8	896.3	895.7	894.5	893.2	892.0	890.8	892.0
157.5°	906.4	907.4	908.5	909.6	910.1	909.5	908.3	907.0	905.8	904.6	905.8
160°	918.0	918.9	919.8	920.7	921.2	920.7	919.6	918.5	917.5	916.4	917.5
162.5°	928.6	929.6	930.7	931.8	932.3	931.6	930.2	928.9	927.5	926.1	927.5
165°	936.9	937.9	939.0	940.1	940.6	940.1	939.0	937.9	936.9	935.8	936.9
167.5°	944.5	945.5	946.6	947.7	948.2	947.5	946.1	944.8	943.4	942.0	943.4
170°	950.0	951.1	952.2	953.3	953.8	953.1	951.7	950.4	949.0	947.6	949.0
172.5°	954.2	955.2	956.3	957.4	957.9	957.2	955.8	954.5	953.1	951.7	953.1
175°	957.0	958.0	959.1	960.2	960.7	959.9	958.4	956.9	955.3	953.8	955.3
177.5°	957.7	958.7	959.8	960.9	961.4	960.7	959.3	958.0	956.6	955.2	956.6
180°	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2

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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°	18.1	17.8	17.5	17.3	16.9	16.2	15.4	14.7	13.9	12.7	11.4
92.5°	18.4	18.2	18.1	18.0	17.8	17.5	17.2	16.9	16.6	16.1	15.7
95°	30.1	30.3	30.4	30.5	30.1	29.3	28.6	27.8	27.0	25.9	24.9
97.5°	37.8	37.6	37.5	37.4	37.2	36.7	36.2	35.8	35.3	32.8	30.4
100°	45.8	45.5	45.2	45.0	44.4	43.2	41.9	40.7	39.5	36.9	34.3
102.5°	49.7	49.2	48.7	48.5	47.7	46.0	44.3	42.6	40.9	68.9	96.9
105°	51.4	50.8	50.2	49.9	49.1	47.4	45.7	44.0	42.3	84.3	126.3
107.5°	52.8	52.2	51.6	51.3	50.4	48.7	47.0	45.3	43.6	95.5	147.4
110°	53.5	52.8	52.2	51.9	59.6	75.0	90.4	105.8	121.2	165.7	210.2

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	54.5	54.0	53.5	53.3	86.5	152.8	219.2	285.5	351.9	354.5	357.1
115°	79.0	90.1	101.2	106.7	142.3	213.6	284.9	356.1	427.4	423.6	419.7
117.5°	264.9	305.2	345.5	365.7	376.7	398.7	420.8	442.8	464.8	462.2	459.6
120°	464.1	484.8	505.6	516.0	515.1	513.2	511.4	509.5	507.7	504.9	502.1
122.5°	553.1	552.9	552.8	552.7	552.2	551.3	550.4	549.5	548.6	545.5	542.4
125°	591.3	590.8	590.3	590.1	589.6	588.5	587.4	586.4	585.3	582.4	579.4
127.5°	626.6	626.4	626.3	626.2	625.4	623.9	622.3	620.8	619.2	616.9	614.6
130°	659.0	659.2	659.3	659.4	658.6	656.9	655.2	653.5	651.8	650.1	648.4
132.5°	690.2	690.4	690.5	690.6	689.9	688.5	687.1	685.7	684.3	682.6	680.9
135°	720.3	720.6	720.9	721.1	720.3	718.8	717.2	715.7	714.1	712.7	711.3
137.5°	748.3	748.8	749.3	749.5	748.7	747.2	745.6	744.1	742.5	741.0	739.4
140°	774.6	775.3	776.1	776.5	775.8	774.4	773.0	771.6	770.2	768.5	766.8
142.5°	799.5	800.2	801.0	801.4	800.8	799.6	798.3	797.1	795.9	793.9	791.9
145°	822.4	823.1	823.9	824.3	823.8	822.7	821.6	820.5	819.4	816.8	814.2
147.5°	842.8	843.4	844.0	844.3	843.9	843.2	842.4	841.7	840.9	838.3	835.7
150°	861.8	862.6	863.3	863.7	863.2	862.3	861.4	860.5	859.6	857.1	854.7
152.5°	878.4	879.5	880.6	881.1	880.6	879.7	878.8	877.8	876.9	874.6	872.3
155°	893.2	894.5	895.7	896.3	895.8	894.9	894.0	893.0	892.1	890.3	888.4
157.5°	907.0	908.3	909.5	910.1	909.6	908.5	907.4	906.4	905.3	903.9	902.5
160°	918.5	919.6	920.7	921.2	920.7	919.8	918.9	918.0	917.1	916.2	915.2
162.5°	928.9	930.2	931.6	932.3	931.8	930.7	929.6	928.6	927.5	926.7	925.9
165°	937.9	939.0	940.1	940.6	940.1	939.0	937.9	936.9	935.8	935.3	934.9
167.5°	944.8	946.1	947.5	948.2	947.7	946.6	945.5	944.5	943.4	942.9	942.5
170°	950.4	951.7	953.1	953.8	953.3	952.2	951.1	950.0	948.9	948.6	948.3
172.5°	954.5	955.8	957.2	957.9	957.4	956.3	955.2	954.2	953.1	952.8	952.5
175°	956.9	958.4	959.9	960.7	960.2	959.1	958.0	957.0	955.9	955.6	955.3
177.5°	958.0	959.3	960.7	961.4	960.9	959.8	958.7	957.7	956.6	956.4	956.3
180°	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2

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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°	10.2	8.9	8.3	7.5	5.8	4.1	2.4	0.7	2.4	4.1	5.8
92.5°	15.2	14.7	14.5	14.8	15.4	16.1	16.7	17.3	16.7	16.1	15.4
95°	23.8	22.7	22.2	24.7	29.8	34.9	39.9	45.0	39.9	34.9	29.8
97.5°	27.9	25.4	24.2	30.5	43.1	55.8	68.4	81.0	68.4	55.8	43.1
100°	31.6	29.0	27.7	38.2	59.3	80.4	101.5	122.6	101.5	80.4	59.3
102.5°	124.9	152.9	166.9	167.1	167.4	167.7	168.0	168.3	168.0	167.7	167.4
105°	168.3	210.3	231.3	229.0	224.4	219.8	215.2	210.6	215.2	219.8	224.4
107.5°	199.3	251.2	277.1	275.2	271.3	267.4	263.6	259.7	263.6	267.4	271.3
110°	254.7	299.2	321.4	319.8	316.5	313.3	310.0	306.8	310.0	313.3	316.5

TEST NUMBER: P1008524

CATALOG NUMBER: S122RDIP-B865D725UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	359.7	362.3	363.6	362.2	359.5	356.7	354.0	351.2	354.0	356.7	359.5
115°	415.9	412.0	410.1	408.8	406.2	403.5	400.9	398.3	400.9	403.5	406.2
117.5°	456.9	454.3	453.0	451.5	448.4	445.3	442.2	439.1	442.2	445.3	448.4
120°	499.4	496.6	495.2	494.1	491.8	489.5	487.2	484.9	487.2	489.5	491.8
122.5°	539.3	536.2	534.7	533.5	531.0	528.5	526.1	523.6	526.1	528.5	531.0
125°	576.5	573.6	572.1	571.1	569.1	567.1	565.1	563.1	565.1	567.1	569.1
127.5°	612.3	610.0	608.8	607.7	605.6	603.4	601.3	599.1	601.3	603.4	605.6
130°	646.7	645.0	644.2	643.0	640.5	638.0	635.6	633.1	635.6	638.0	640.5
132.5°	679.2	677.5	676.7	675.7	673.7	671.7	669.7	667.7	669.7	671.7	673.7
135°	710.0	708.6	707.9	706.7	704.2	701.7	699.3	696.8	699.3	701.7	704.2
137.5°	737.9	736.4	735.6	734.7	732.8	731.0	729.1	727.3	729.1	731.0	732.8
140°	765.1	763.4	762.6	762.0	760.8	759.5	758.3	757.1	758.3	759.5	760.8
142.5°	789.9	787.9	786.9	786.4	785.3	784.2	783.1	782.0	783.1	784.2	785.3
145°	811.5	808.9	807.6	807.7	807.8	808.0	808.1	808.3	808.1	808.0	807.8
147.5°	833.0	830.4	829.1	829.3	829.8	830.3	830.7	831.2	830.7	830.3	829.8
150°	852.2	849.7	848.5	849.0	850.1	851.2	852.2	853.3	852.2	851.2	850.1
152.5°	870.0	867.7	866.5	867.1	868.4	869.6	870.9	872.1	870.9	869.6	868.4
155°	886.6	884.7	883.8	884.5	885.9	887.3	888.7	890.1	888.7	887.3	885.9
157.5°	901.2	899.8	899.1	899.7	900.9	902.2	903.4	904.6	903.4	902.2	900.9
160°	914.3	913.4	912.9	913.4	914.3	915.2	916.2	917.1	916.2	915.2	914.3
162.5°	925.2	924.4	924.0	924.5	925.4	926.3	927.3	928.2	927.3	926.3	925.4
165°	934.4	933.9	933.7	934.2	935.1	936.0	937.0	937.9	937.0	936.0	935.1
167.5°	942.0	941.5	941.3	941.8	942.7	943.6	944.6	945.5	944.6	943.6	942.7
170°	948.0	947.7	947.6	948.1	949.0	949.9	950.8	951.7	950.8	949.9	949.0
172.5°	952.2	951.9	951.7	952.2	953.1	954.0	955.0	955.9	955.0	954.0	953.1
175°	955.0	954.7	954.5	955.0	956.1	957.2	958.2	959.3	958.2	957.2	956.1
177.5°	956.1	956.0	955.9	956.4	957.5	958.6	959.6	960.7	959.6	958.6	957.5
180°	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2

TEST NUMBER: P1008524

CATALOG NUMBER: S122RDIP-B865D725UB2750-4F0-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°	7.5	8.3	8.9	10.2	11.4	12.7	13.9	14.7	15.4	16.2	16.9
92.5°	14.8	14.5	14.7	15.2	15.7	16.1	16.6	16.9	17.2	17.5	17.8
95°	24.7	22.2	22.7	23.8	24.9	25.9	27.0	27.8	28.6	29.3	30.1
97.5°	30.5	24.2	25.4	27.9	30.4	32.8	35.3	35.8	36.2	36.7	37.2
100°	38.2	27.7	29.0	31.6	34.3	36.9	39.5	40.7	41.9	43.2	44.4
102.5°	167.1	166.9	152.9	124.9	96.9	68.9	40.9	42.6	44.3	46.0	47.7
105°	229.0	231.3	210.3	168.3	126.3	84.3	42.3	44.0	45.7	47.4	49.1
107.5°	275.2	277.1	251.2	199.3	147.4	95.5	43.6	45.3	47.0	48.7	50.4
110°	319.8	321.4	299.2	254.7	210.2	165.7	121.2	105.8	90.4	75.0	59.6

TEST NUMBER: P1008524

CATALOG NUMBER: S122RDIP-B865D725UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	362.2	363.6	362.3	359.7	357.1	354.5	351.9	285.5	219.2	152.8	86.5
115°	408.8	410.1	412.0	415.9	419.7	423.6	427.4	356.1	284.9	213.6	142.3
117.5°	451.5	453.0	454.3	456.9	459.6	462.2	464.8	442.8	420.8	398.7	376.7
120°	494.1	495.2	496.6	499.4	502.1	504.9	507.7	509.5	511.4	513.2	515.1
122.5°	533.5	534.7	536.2	539.3	542.4	545.5	548.6	549.5	550.4	551.3	552.2
125°	571.1	572.1	573.6	576.5	579.4	582.4	585.3	586.4	587.4	588.5	589.6
127.5°	607.7	608.8	610.0	612.3	614.6	616.9	619.2	620.8	622.3	623.9	625.4
130°	643.0	644.2	645.0	646.7	648.4	650.1	651.8	653.5	655.2	656.9	658.6
132.5°	675.7	676.7	677.5	679.2	680.9	682.6	684.3	685.7	687.1	688.5	689.9
135°	706.7	707.9	708.6	710.0	711.3	712.7	714.1	715.7	717.2	718.8	720.3
137.5°	734.7	735.6	736.4	737.9	739.4	741.0	742.5	744.1	745.6	747.2	748.7
140°	762.0	762.6	763.4	765.1	766.8	768.5	770.2	771.6	773.0	774.4	775.8
142.5°	786.4	786.9	787.9	789.9	791.9	793.9	795.9	797.1	798.3	799.6	800.8
145°	807.7	807.6	808.9	811.5	814.2	816.8	819.4	820.5	821.6	822.7	823.8
147.5°	829.3	829.1	830.4	833.0	835.7	838.3	840.9	841.7	842.4	843.2	843.9
150°	849.0	848.5	849.7	852.2	854.7	857.1	859.6	860.5	861.4	862.3	863.2
152.5°	867.1	866.5	867.7	870.0	872.3	874.6	876.9	877.8	878.8	879.7	880.6
155°	884.5	883.8	884.7	886.6	888.4	890.3	892.1	893.0	894.0	894.9	895.8
157.5°	899.7	899.1	899.8	901.2	902.5	903.9	905.3	906.4	907.4	908.5	909.6
160°	913.4	912.9	913.4	914.3	915.2	916.2	917.1	918.0	918.9	919.8	920.7
162.5°	924.5	924.0	924.4	925.2	925.9	926.7	927.5	928.6	929.6	930.7	931.8
165°	934.2	933.7	933.9	934.4	934.9	935.3	935.8	936.9	937.9	939.0	940.1
167.5°	941.8	941.3	941.5	942.0	942.5	942.9	943.4	944.5	945.5	946.6	947.7
170°	948.1	947.6	947.7	948.0	948.3	948.6	948.9	950.0	951.1	952.2	953.3
172.5°	952.2	951.7	951.9	952.2	952.5	952.8	953.1	954.2	955.2	956.3	957.4
175°	955.0	954.5	954.7	955.0	955.3	955.6	955.9	957.0	958.0	959.1	960.2
177.5°	956.4	955.9	956.0	956.1	956.3	956.4	956.6	957.7	958.7	959.8	960.9
180°	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2

TEST NUMBER: P1008524

CATALOG NUMBER: S122RDIP-B865D725UB2750-4F0-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°	17.3	17.5	17.8	18.1	18.4	18.7	18.4	18.1	17.8	17.5	17.3
92.5°	18.0	18.1	18.2	18.4	18.5	18.7	18.5	18.4	18.2	18.1	18.0
95°	30.5	30.4	30.3	30.1	30.0	29.8	30.0	30.1	30.3	30.4	30.5
97.5°	37.4	37.5	37.6	37.8	37.9	38.1	37.9	37.8	37.6	37.5	37.4
100°	45.0	45.2	45.5	45.8	46.1	46.4	46.1	45.8	45.5	45.2	45.0
102.5°	48.5	48.7	49.2	49.7	50.1	50.6	50.1	49.7	49.2	48.7	48.5
105°	49.9	50.2	50.8	51.4	52.0	52.6	52.0	51.4	50.8	50.2	49.9
107.5°	51.3	51.6	52.2	52.8	53.4	54.0	53.4	52.8	52.2	51.6	51.3
110°	51.9	52.2	52.8	53.5	54.1	54.7	54.1	53.5	52.8	52.2	51.9

TEST NUMBER: P1008524

CATALOG NUMBER: S122RDIP-B865D725UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	53.3	53.5	54.0	54.5	54.9	55.4	54.9	54.5	54.0	53.5	53.3
115°	106.7	101.2	90.1	79.0	67.9	56.8	67.9	79.0	90.1	101.2	106.7
117.5°	365.7	345.5	305.2	264.9	224.5	184.2	224.5	264.9	305.2	345.5	365.7
120°	516.0	505.6	484.8	464.1	443.3	422.5	443.3	464.1	484.8	505.6	516.0
122.5°	552.7	552.8	552.9	553.1	553.2	553.4	553.2	553.1	552.9	552.8	552.7
125°	590.1	590.3	590.8	591.3	591.7	592.2	591.7	591.3	590.8	590.3	590.1
127.5°	626.2	626.3	626.4	626.6	626.7	626.9	626.7	626.6	626.4	626.3	626.2
130°	659.4	659.3	659.2	659.0	658.9	658.7	658.9	659.0	659.2	659.3	659.4
132.5°	690.6	690.5	690.4	690.2	690.1	689.9	690.1	690.2	690.4	690.5	690.6
135°	721.1	720.9	720.6	720.3	720.0	719.7	720.0	720.3	720.6	720.9	721.1
137.5°	749.5	749.3	748.8	748.3	747.9	747.4	747.9	748.3	748.8	749.3	749.5
140°	776.5	776.1	775.3	774.6	773.8	773.0	773.8	774.6	775.3	776.1	776.5
142.5°	801.4	801.0	800.2	799.5	798.7	797.9	798.7	799.5	800.2	801.0	801.4
145°	824.3	823.9	823.1	822.4	821.6	820.8	821.6	822.4	823.1	823.9	824.3
147.5°	844.3	844.0	843.4	842.8	842.2	841.6	842.2	842.8	843.4	844.0	844.3
150°	863.7	863.3	862.6	861.8	861.1	860.3	861.1	861.8	862.6	863.3	863.7
152.5°	881.1	880.6	879.5	878.4	877.3	876.2	877.3	878.4	879.5	880.6	881.1
155°	896.3	895.7	894.5	893.2	892.0	890.8	892.0	893.2	894.5	895.7	896.3
157.5°	910.1	909.5	908.3	907.0	905.8	904.6	905.8	907.0	908.3	909.5	910.1
160°	921.2	920.7	919.6	918.5	917.5	916.4	917.5	918.5	919.6	920.7	921.2
162.5°	932.3	931.6	930.2	928.9	927.5	926.1	927.5	928.9	930.2	931.6	932.3
165°	940.6	940.1	939.0	937.9	936.9	935.8	936.9	937.9	939.0	940.1	940.6
167.5°	948.2	947.5	946.1	944.8	943.4	942.0	943.4	944.8	946.1	947.5	948.2
170°	953.8	953.1	951.7	950.4	949.0	947.6	949.0	950.4	951.7	953.1	953.8
172.5°	957.9	957.2	955.8	954.5	953.1	951.7	953.1	954.5	955.8	957.2	957.9
175°	960.7	959.9	958.4	956.9	955.3	953.8	955.3	956.9	958.4	959.9	960.7
177.5°	961.4	960.7	959.3	958.0	956.6	955.2	956.6	958.0	959.3	960.7	961.4
180°	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2

TEST NUMBER: P1008524

CATALOG NUMBER: S122RDIP-B865D725UB2750-4F0-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°	16.9	16.2	15.4	14.7	13.9	12.7	11.4	10.2	8.9	8.3	7.5
92.5°	17.8	17.5	17.2	16.9	16.6	16.1	15.7	15.2	14.7	14.5	14.8
95°	30.1	29.3	28.6	27.8	27.0	25.9	24.9	23.8	22.7	22.2	24.7
97.5°	37.2	36.7	36.2	35.8	35.3	32.8	30.4	27.9	25.4	24.2	30.5
100°	44.4	43.2	41.9	40.7	39.5	36.9	34.3	31.6	29.0	27.7	38.2
102.5°	47.7	46.0	44.3	42.6	40.9	68.9	96.9	124.9	152.9	166.9	167.1
105°	49.1	47.4	45.7	44.0	42.3	84.3	126.3	168.3	210.3	231.3	229.0
107.5°	50.4	48.7	47.0	45.3	43.6	95.5	147.4	199.3	251.2	277.1	275.2
110°	59.6	75.0	90.4	105.8	121.2	165.7	210.2	254.7	299.2	321.4	319.8

TEST NUMBER: P1008524

CATALOG NUMBER: S122RDIP-B865D725UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	86.5	152.8	219.2	285.5	351.9	354.5	357.1	359.7	362.3	363.6	362.2
115°	142.3	213.6	284.9	356.1	427.4	423.6	419.7	415.9	412.0	410.1	408.8
117.5°	376.7	398.7	420.8	442.8	464.8	462.2	459.6	456.9	454.3	453.0	451.5
120°	515.1	513.2	511.4	509.5	507.7	504.9	502.1	499.4	496.6	495.2	494.1
122.5°	552.2	551.3	550.4	549.5	548.6	545.5	542.4	539.3	536.2	534.7	533.5
125°	589.6	588.5	587.4	586.4	585.3	582.4	579.4	576.5	573.6	572.1	571.1
127.5°	625.4	623.9	622.3	620.8	619.2	616.9	614.6	612.3	610.0	608.8	607.7
130°	658.6	656.9	655.2	653.5	651.8	650.1	648.4	646.7	645.0	644.2	643.0
132.5°	689.9	688.5	687.1	685.7	684.3	682.6	680.9	679.2	677.5	676.7	675.7
135°	720.3	718.8	717.2	715.7	714.1	712.7	711.3	710.0	708.6	707.9	706.7
137.5°	748.7	747.2	745.6	744.1	742.5	741.0	739.4	737.9	736.4	735.6	734.7
140°	775.8	774.4	773.0	771.6	770.2	768.5	766.8	765.1	763.4	762.6	762.0
142.5°	800.8	799.6	798.3	797.1	795.9	793.9	791.9	789.9	787.9	786.9	786.4
145°	823.8	822.7	821.6	820.5	819.4	816.8	814.2	811.5	808.9	807.6	807.7
147.5°	843.9	843.2	842.4	841.7	840.9	838.3	835.7	833.0	830.4	829.1	829.3
150°	863.2	862.3	861.4	860.5	859.6	857.1	854.7	852.2	849.7	848.5	849.0
152.5°	880.6	879.7	878.8	877.8	876.9	874.6	872.3	870.0	867.7	866.5	867.1
155°	895.8	894.9	894.0	893.0	892.1	890.3	888.4	886.6	884.7	883.8	884.5
157.5°	909.6	908.5	907.4	906.4	905.3	903.9	902.5	901.2	899.8	899.1	899.7
160°	920.7	919.8	918.9	918.0	917.1	916.2	915.2	914.3	913.4	912.9	913.4
162.5°	931.8	930.7	929.6	928.6	927.5	926.7	925.9	925.2	924.4	924.0	924.5
165°	940.1	939.0	937.9	936.9	935.8	935.3	934.9	934.4	933.9	933.7	934.2
167.5°	947.7	946.6	945.5	944.5	943.4	942.9	942.5	942.0	941.5	941.3	941.8
170°	953.3	952.2	951.1	950.0	948.9	948.6	948.3	948.0	947.7	947.6	948.1
172.5°	957.4	956.3	955.2	954.2	953.1	952.8	952.5	952.2	951.9	951.7	952.2
175°	960.2	959.1	958.0	957.0	955.9	955.6	955.3	955.0	954.7	954.5	955.0
177.5°	960.9	959.8	958.7	957.7	956.6	956.4	956.3	956.1	956.0	955.9	956.4
180°	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2

TEST NUMBER: P1008524

CATALOG NUMBER: S122RDIP-B865D725UB2750-4F0-XX-W2A-A_2700K

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°	5.8	4.1	2.4	0.7
92.5°	15.4	16.1	16.7	17.3
95°	29.8	34.9	39.9	45.0
97.5°	43.1	55.8	68.4	81.0
100°	59.3	80.4	101.5	122.6
102.5°	167.4	167.7	168.0	168.3
105°	224.4	219.8	215.2	210.6
107.5°	271.3	267.4	263.6	259.7
110°	316.5	313.3	310.0	306.8



TEST NUMBER: P1008524

CATALOG NUMBER: S122RDIP-B865D725UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	359.5	356.7	354.0	351.2
115°	406.2	403.5	400.9	398.3
117.5°	448.4	445.3	442.2	439.1
120°	491.8	489.5	487.2	484.9
122.5°	531.0	528.5	526.1	523.6
125°	569.1	567.1	565.1	563.1
127.5°	605.6	603.4	601.3	599.1
130°	640.5	638.0	635.6	633.1
132.5°	673.7	671.7	669.7	667.7
135°	704.2	701.7	699.3	696.8
137.5°	732.8	731.0	729.1	727.3
140°	760.8	759.5	758.3	757.1
142.5°	785.3	784.2	783.1	782.0
145°	807.8	808.0	808.1	808.3
147.5°	829.8	830.3	830.7	831.2
150°	850.1	851.2	852.2	853.3
152.5°	868.4	869.6	870.9	872.1
155°	885.9	887.3	888.7	890.1
157.5°	900.9	902.2	903.4	904.6
160°	914.3	915.2	916.2	917.1
162.5°	925.4	926.3	927.3	928.2
165°	935.1	936.0	937.0	937.9
167.5°	942.7	943.6	944.6	945.5
170°	949.0	949.9	950.8	951.7
172.5°	953.1	954.0	955.0	955.9
175°	956.1	957.2	958.2	959.3
177.5°	957.5	958.6	959.6	960.7
180°	957.2	957.2	957.2	957.2

(END OF REPORT)