

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: P1010270

Luminaire Tested: S122RDIP-B865D1080UB50-4F0-XX-W2A-A4

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1010270
REPORT IS A COMBINATION OF REPORTS P988654 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122RDIP-B865D1080UB50-4F0-XX-W2A-A4
Description: Define 2 Regressed Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015}
{m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

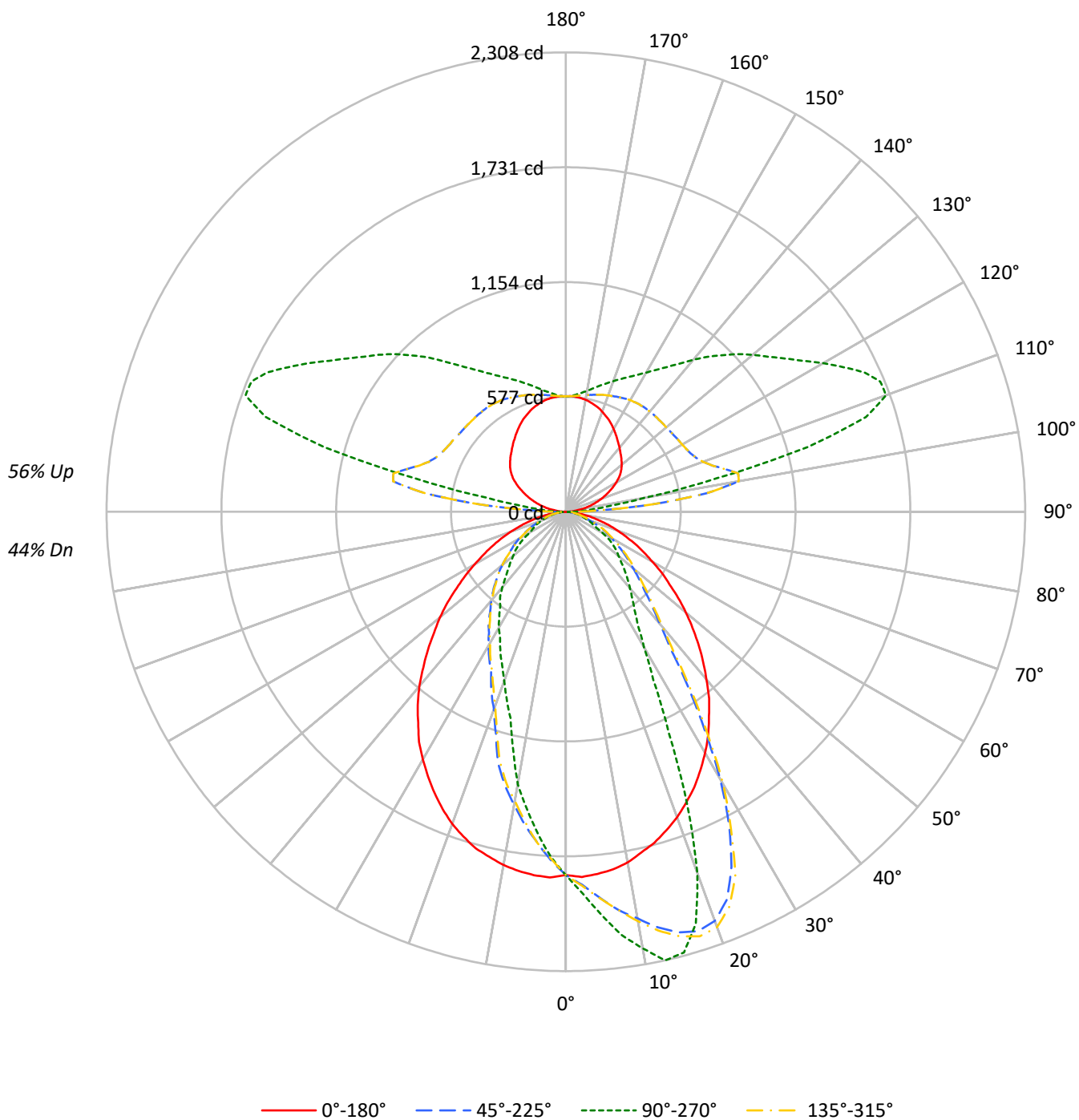
Lumens per Lamp: N/A
Luminaire Lumens: 7200.0 lumens
Efficiency: N/A
Efficacy: 88.0 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 81.8
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	106	106	106	106	97	97	97	97	80	80	80	65	65	65	50	50	50
1	97	93	89	86	89	85	82	80	71	69	67	58	56	55	46	45	44
2	89	82	76	72	81	75	71	66	63	60	57	52	49	47	41	39	38
3	82	73	66	61	75	67	61	56	56	52	48	46	43	41	37	35	33
4	75	65	58	52	69	60	53	48	51	46	42	42	38	36	34	31	29
5	69	58	51	45	63	54	47	42	46	41	37	38	34	31	31	28	26
6	64	53	45	39	59	49	42	37	41	36	32	35	31	28	28	26	23
7	59	48	40	35	54	44	38	33	38	33	29	32	28	25	26	23	21
8	55	44	36	31	51	40	34	29	35	30	26	29	25	23	24	21	19
9	52	40	33	28	47	37	31	26	32	27	23	27	23	21	22	20	18
10	48	37	30	25	44	34	28	24	30	25	21	25	21	19	21	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	28890	28890	28890	28890
5°	28958	30686	29058	24515
10°	28639	32435	28842	20244
15°	28017	32444	28492	15208
20°	27270	26818	27863	12547
25°	26363	16758	26932	10673
30°	25205	10730	25892	9189
35°	23798	8245	24569	7863
40°	22231	6931	23180	6879
45°	20554	5899	21412	5775
50°	18834	5012	19714	4995
55°	16931	4355	17845	4298
60°	15242	3321	16049	3282
65°	13662	2499	14472	2835
70°	11918	1997	12854	2310
75°	10075	1529	10998	1748
80°	8000	1041	8607	1146
85°	5551	536	6088	567

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 165°

Vertical Angle: 45°

Luminance: 26428 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	173.1	2.4
10°-20°	483.2	6.7
20°-30°	621.9	8.6
30°-40°	590.0	8.2
40°-50°	505.6	7.0
50°-60°	385.1	5.3
60°-70°	242.8	3.4
70°-80°	121.1	1.7
80°-90°	34.9	0.5
90°-100°	226.3	3.1
100°-110°	796.9	11.1
110°-120°	836.9	11.6
120°-130°	688.5	9.6
130°-140°	553.1	7.7
140°-150°	417.8	5.8
150°-160°	293.7	4.1
160°-170°	172.9	2.4
170°-180°	56.2	0.8
0°-30°	1278.2	17.8
0°-40°	1868.2	25.9
0°-60°	2758.9	38.3
0°-90°	3157.7	43.9
90°-120°	1860.0	25.8
90°-150°	3519.4	48.9
90°-180°	4042.0	56.1
0°-180°	7200.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1825	1825	1825	1825	1825	
5°	1826	2031	1833	1622	1826	173
15°	1721	2292	1750	1074	1721	484
25°	1527	1223	1560	779	1527	701
35°	1253	602	1294	574	1253	784
45°	941	418	980	410	941	726
55°	635	290	670	287	635	573
65°	384	151	407	171	384	381
75°	180	80	197	91	180	195
85°	39	23	43	24	39	45
90°	1	37	1	37	1	5
95°	39	127	39	127	39	40
105°	136	1258	136	1258	136	145
115°	240	1655	240	1655	240	238
125°	335	1343	335	1343	335	298
135°	393	1113	393	1113	393	304
145°	449	888	449	888	449	282
155°	510	747	510	747	510	235
165°	556	655	556	655	556	157
175°	579	590	579	590	579	55
180°	580	580	580	580	580	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1
2.5°	1836.5	1844.1	1847.9	1853.0	1864.4	1872.0	1883.4	1886.0	1884.7	1889.8	1875.8
5°	1826.4	1842.9	1858.1	1870.8	1891.1	1903.7	1917.7	1934.2	1938.0	1957.0	1945.6
7.5°	1812.4	1836.5	1858.1	1883.4	1913.9	1930.4	1951.9	1977.3	1988.7	2011.5	2017.9
10°	1789.6	1823.8	1860.6	1887.2	1929.1	1958.3	1978.6	2019.2	2045.8	2080.0	2075.0
12.5°	1752.8	1797.2	1846.7	1891.1	1945.6	1964.6	2002.7	2044.5	2078.8	2110.5	2138.4
15°	1721.1	1771.8	1826.4	1880.9	1943.1	1978.6	2016.6	2071.2	2107.9	2163.7	2187.8
17.5°	1678.0	1742.7	1807.3	1868.2	1941.8	1982.4	2029.3	2082.6	2137.1	2190.4	2209.4
20°	1633.6	1703.3	1773.1	1855.5	1939.2	1978.6	2026.8	2092.7	2146.0	2187.8	2187.8
22.5°	1580.3	1665.3	1745.2	1823.8	1915.2	1972.2	2021.7	2099.1	2137.1	2146.0	2111.7
25°	1527.0	1612.0	1699.5	1797.2	1901.2	1951.9	2007.7	2080.0	2092.7	2057.2	1968.4
27.5°	1463.6	1558.8	1657.7	1763.0	1872.0	1935.4	1986.2	2034.4	2010.3	1915.2	1776.9
30°	1398.9	1501.7	1613.3	1713.5	1845.4	1903.7	1946.9	1960.8	1884.7	1730.0	1551.1
32.5°	1331.7	1431.9	1549.9	1670.4	1803.5	1859.3	1887.2	1850.5	1711.0	1515.6	1297.5
35°	1253.1	1366.0	1489.0	1614.6	1746.5	1788.3	1804.8	1714.8	1535.9	1283.5	1066.7
37.5°	1182.1	1294.9	1426.9	1555.0	1683.0	1705.9	1689.4	1548.6	1321.6	1071.7	859.9
40°	1098.4	1218.8	1348.2	1491.5	1596.8	1603.1	1562.6	1379.9	1098.4	863.7	733.1
42.5°	1021.0	1142.7	1272.1	1418.0	1497.9	1476.3	1421.8	1182.1	917.0	744.5	639.2
45°	941.1	1056.5	1196.0	1325.4	1382.5	1331.7	1249.3	994.4	769.9	640.5	559.3
47.5°	863.7	971.5	1109.8	1234.1	1244.2	1187.1	1089.5	833.3	667.1	563.1	497.2
50°	787.6	895.4	1024.8	1127.5	1117.4	1038.7	928.4	724.2	579.6	497.2	442.6
52.5°	711.5	809.2	934.7	1015.9	972.8	896.7	787.6	613.9	506.1	433.8	391.9
55°	635.4	726.7	834.5	901.8	833.3	745.8	668.4	526.3	438.8	380.5	348.8
57.5°	572.0	644.3	743.2	783.8	701.4	632.9	565.7	452.8	380.5	338.6	301.9
60°	502.3	568.2	649.4	673.5	588.5	532.7	475.6	383.0	326.0	289.2	265.1
62.5°	442.6	497.2	559.3	559.3	484.5	442.6	399.5	320.9	274.0	244.8	233.4
65°	384.3	423.6	468.0	462.9	399.5	362.7	328.5	265.1	229.6	209.3	197.9
67.5°	327.2	357.7	386.8	369.1	323.4	291.7	260.0	214.3	190.2	176.3	161.1
70°	275.2	299.3	314.5	298.1	252.4	225.8	202.9	172.5	153.5	135.7	126.8
72.5°	230.8	241.0	246.1	225.8	187.7	172.5	156.0	134.4	118.0	109.1	106.5
75°	180.1	189.0	185.2	170.0	138.2	126.8	114.1	98.9	95.1	90.1	87.5
77.5°	140.8	140.8	134.4	120.5	98.9	90.1	85.0	77.4	73.6	72.3	69.8
80°	100.2	98.9	95.1	79.9	67.2	62.1	62.1	57.1	55.8	53.3	53.3
82.5°	66.0	66.0	60.9	48.2	44.4	43.1	41.9	39.3	39.3	38.0	38.0
85°	39.3	36.8	30.4	26.6	25.4	25.4	24.1	22.8	24.1	22.8	22.8
87.5°	17.8	14.0	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
90°	1.1	4.5	8.9	11.2	13.4	15.0	16.7	22.3	30.1	36.8	38.0
92.5°	16.7	23.4	32.4	38.0	46.9	53.0	59.2	89.3	131.7	169.7	171.9
95°	39.1	43.5	54.7	64.7	82.6	96.0	109.4	160.7	257.9	387.3	437.6
97.5°	58.0	64.7	77.0	91.5	111.6	126.7	141.8	207.6	342.7	551.4	713.3
100°	86.0	89.3	99.3	117.2	139.5	155.2	170.8	229.9	366.1	607.2	881.8
102.5°	111.6	113.9	123.9	141.8	165.2	180.8	196.5	250.0	367.2	586.0	887.4
105°	136.2	140.6	148.5	165.2	189.8	205.4	221.0	273.5	372.8	557.0	827.1
107.5°	163.0	166.3	174.1	189.8	214.3	230.0	245.6	296.9	385.1	541.4	771.3
110°	189.8	194.2	200.9	215.4	238.9	255.0	271.2	320.4	400.7	536.9	733.4

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	214.3	218.8	226.6	240.0	262.3	279.0	295.8	342.7	417.5	538.0	708.8
115°	240.0	245.6	252.3	265.7	288.0	303.0	318.1	366.1	434.2	542.5	692.1
117.5°	266.8	271.2	277.9	290.2	311.4	327.0	342.7	387.3	452.1	549.2	683.1
120°	291.3	295.8	302.5	312.6	334.9	350.5	366.1	409.7	469.9	555.9	675.3
122.5°	314.8	318.1	324.8	336.0	358.3	374.5	390.7	430.9	485.6	563.7	670.9
125°	334.9	338.2	344.9	358.3	380.6	396.2	411.9	452.1	502.3	571.5	665.3
127.5°	351.6	356.1	365.0	379.5	400.7	416.9	433.1	472.2	517.9	579.3	661.9
130°	366.1	370.6	381.8	397.4	419.7	435.4	451.0	490.0	532.5	588.3	659.7
132.5°	379.5	385.1	397.4	414.1	437.6	453.2	468.8	505.7	547.0	597.2	658.6
135°	392.9	397.4	410.8	427.5	453.2	468.8	484.5	520.2	559.2	603.9	657.5
137.5°	405.2	410.8	424.2	442.0	467.7	482.2	496.7	532.5	569.3	610.6	657.5
140°	419.7	424.2	437.6	455.4	480.0	494.5	509.0	542.5	577.1	615.1	656.4
142.5°	434.2	437.6	449.8	467.7	491.2	504.6	517.9	550.3	583.8	618.4	656.4
145°	448.7	453.2	464.4	481.1	503.4	515.7	528.0	558.1	589.4	620.6	654.1
147.5°	464.4	467.7	478.9	494.5	513.5	524.6	535.8	564.8	592.7	621.8	650.8
150°	480.0	483.3	492.3	506.8	523.5	533.6	543.6	569.3	595.0	620.6	647.4
152.5°	495.6	496.7	505.7	517.9	533.6	542.5	551.4	573.8	596.1	618.4	641.8
155°	510.1	511.2	517.9	530.2	542.5	550.8	559.2	578.2	597.2	616.2	635.1
157.5°	522.4	523.5	529.1	540.3	550.3	557.6	564.8	581.6	597.2	611.7	628.4
160°	534.7	535.8	540.3	549.2	558.1	564.2	570.4	583.8	597.2	608.4	621.8
162.5°	547.0	545.8	550.3	557.0	564.8	569.3	573.8	584.9	596.1	605.0	616.2
165°	555.9	554.8	557.0	563.7	569.3	572.6	576.0	586.0	593.8	600.5	608.4
167.5°	563.7	562.6	564.8	569.3	573.8	576.0	578.2	586.0	592.7	596.1	601.7
170°	571.5	569.3	570.4	573.8	576.0	577.6	579.3	584.9	590.5	592.7	596.1
172.5°	576.0	574.9	573.8	577.1	578.2	579.4	580.5	583.8	587.1	588.3	589.4
175°	579.3	578.2	577.1	579.3	579.3	579.9	580.5	582.7	584.9	583.8	584.9
177.5°	581.6	579.3	578.2	580.5	580.5	580.5	580.5	581.6	583.8	581.6	580.5
180°	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1
2.5°	1889.8	1892.3	1896.1	1913.9	1916.4	1921.5	1919.0	1919.0	1920.2	1917.7	1919.0
5°	1971.0	1974.8	1993.8	2015.3	2020.4	2015.3	2021.7	2030.6	2030.6	2030.6	2028.0
7.5°	2047.1	2061.0	2082.6	2114.3	2120.6	2127.0	2138.4	2130.8	2133.3	2144.7	2140.9
10°	2120.6	2140.9	2165.0	2191.6	2205.6	2214.5	2219.5	2231.0	2257.6	2227.2	2238.6
12.5°	2190.4	2219.5	2244.9	2274.1	2284.2	2295.6	2299.4	2309.6	2309.6	2308.3	2317.2
15°	2236.0	2262.7	2285.5	2304.5	2307.1	2304.5	2302.0	2303.3	2307.1	2291.8	2300.7
17.5°	2246.2	2248.7	2256.3	2248.7	2250.0	2223.4	2208.1	2204.3	2168.8	2170.1	2199.3
20°	2196.7	2153.6	2142.2	2100.3	2075.0	2006.5	2003.9	1984.9	1910.1	1932.9	1927.8
22.5°	2061.0	1987.4	1889.8	1841.6	1817.5	1745.2	1689.4	1650.1	1623.4	1596.8	1585.4
25°	1882.2	1763.0	1624.7	1529.6	1515.6	1448.4	1345.7	1297.5	1240.4	1222.7	1253.1
27.5°	1651.3	1496.6	1340.6	1194.7	1168.1	1107.2	1055.2	1021.0	955.0	951.2	953.8
30°	1338.1	1182.1	1051.4	956.3	890.4	862.5	828.2	802.8	776.2	786.4	788.9
32.5°	1099.6	951.2	829.5	778.7	748.3	730.5	701.4	684.9	673.5	669.7	668.4
35°	873.9	774.9	720.4	670.9	653.2	640.5	618.9	611.3	601.2	602.4	602.4
37.5°	748.3	665.9	625.3	599.9	583.4	577.1	563.1	555.5	549.2	546.6	550.4
40°	645.6	588.5	563.1	540.3	526.3	523.8	516.2	507.3	499.7	501.0	504.8
42.5°	570.7	537.8	507.3	489.6	479.4	475.6	469.3	462.9	462.9	459.1	457.9
45°	511.1	484.5	459.1	442.6	436.3	431.2	423.6	422.3	417.3	418.5	419.8
47.5°	457.9	436.3	417.3	400.8	394.4	393.2	385.6	380.5	380.5	379.2	378.0
50°	409.7	388.1	371.6	362.7	353.9	351.3	350.1	348.8	346.2	346.2	347.5
52.5°	370.3	348.8	336.1	328.5	323.4	320.9	320.9	319.6	319.6	319.6	318.3
55°	327.2	309.5	299.3	296.8	294.2	293.0	291.7	289.2	287.9	290.4	287.9
57.5°	286.6	280.3	271.4	268.9	262.5	262.5	258.7	256.2	253.7	256.2	256.2
60°	254.9	246.1	241.0	233.4	228.3	223.2	216.9	215.6	213.1	211.8	210.5
62.5°	222.0	214.3	201.7	190.2	182.6	177.6	175.0	173.8	173.8	172.5	172.5
65°	185.2	167.4	161.1	157.3	156.0	154.7	152.2	150.9	152.2	150.9	152.2
67.5°	144.6	142.1	138.2	135.7	134.4	133.2	133.2	131.9	131.9	131.9	131.9
70°	125.6	119.2	118.0	115.4	115.4	114.1	114.1	114.1	114.1	112.9	115.4
72.5°	104.0	100.2	98.9	97.7	97.7	97.7	96.4	96.4	96.4	95.1	96.4
75°	85.0	83.7	81.2	81.2	79.9	81.2	79.9	79.9	78.6	79.9	79.9
77.5°	68.5	67.2	66.0	66.0	64.7	64.7	64.7	64.7	64.7	64.7	66.0
80°	52.0	50.7	49.5	50.7	49.5	50.7	49.5	49.5	50.7	49.5	49.5
82.5°	38.0	36.8	36.8	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
85°	22.8	21.6	21.6	22.8	21.6	22.8	21.6	21.6	21.6	22.8	22.8
87.5°	10.1	11.4	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	11.4
90°	36.8	35.7	33.5	35.7	36.2	36.8	36.8	36.8	36.8	36.8	36.8
92.5°	144.0	112.7	96.0	83.7	79.2	74.8	73.7	69.2	70.3	68.1	70.3
95°	382.9	292.5	224.4	177.5	165.2	152.9	138.4	129.5	126.1	127.3	126.1
97.5°	718.9	598.3	477.8	365.0	331.5	298.0	254.5	232.2	219.9	213.2	219.9
100°	1042.6	1019.1	880.7	727.8	660.2	592.7	500.1	452.1	419.7	399.6	419.7
102.5°	1163.1	1294.9	1290.4	1188.8	1116.2	1043.7	941.0	850.6	808.2	779.1	808.2
105°	1124.1	1356.2	1482.4	1496.9	1478.5	1460.1	1390.8	1321.6	1273.6	1258.0	1273.6
107.5°	1041.5	1290.4	1477.9	1587.3	1609.6	1632.0	1630.8	1620.8	1606.3	1580.6	1606.3
110°	964.4	1200.0	1399.8	1542.7	1588.4	1634.2	1682.2	1703.4	1713.4	1712.3	1713.4

TEST NUMBER: P1010270

CATALOG NUMBER: S122RDIP-B865D1080UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	910.9	1117.4	1307.1	1462.3	1516.4	1570.6	1642.0	1681.1	1702.3	1710.1	1702.3
115°	868.4	1052.6	1224.5	1370.8	1428.2	1485.7	1565.0	1616.3	1645.4	1655.4	1645.4
117.5°	839.4	999.0	1153.1	1289.3	1344.0	1398.7	1480.1	1534.8	1565.0	1572.8	1565.0
120°	817.1	961.1	1099.5	1217.8	1268.6	1319.4	1397.5	1450.0	1482.4	1493.5	1482.4
122.5°	798.1	931.0	1054.9	1165.4	1210.1	1254.7	1322.8	1374.1	1402.0	1410.9	1402.0
125°	780.3	901.9	1016.9	1115.1	1157.0	1198.9	1263.6	1306.0	1333.9	1342.8	1333.9
127.5°	763.5	872.9	979.0	1072.7	1111.8	1150.9	1207.8	1248.0	1272.5	1279.2	1272.5
130°	746.8	845.0	941.0	1029.2	1066.1	1102.9	1157.6	1195.5	1217.8	1226.8	1217.8
132.5°	733.4	818.2	905.3	984.5	1018.6	1052.6	1106.2	1144.2	1164.2	1172.1	1164.2
135°	721.1	793.7	867.3	941.0	972.2	1003.5	1051.5	1088.3	1108.4	1112.9	1108.4
137.5°	712.2	773.6	837.2	897.5	925.4	953.3	999.0	1031.4	1049.3	1056.0	1049.3
140°	704.4	754.6	808.2	859.5	884.0	908.6	944.3	973.4	990.1	996.8	990.1
142.5°	696.5	739.0	782.5	824.9	844.4	864.0	897.5	923.1	937.7	937.7	937.7
145°	689.8	724.4	761.3	795.9	812.1	828.3	855.0	874.0	885.2	888.5	885.2
147.5°	683.1	713.3	743.4	771.3	783.6	795.9	819.3	835.0	842.8	845.0	842.8
150°	674.2	701.0	725.6	749.0	759.0	769.1	785.8	799.2	805.9	807.0	805.9
152.5°	666.4	688.7	711.1	730.0	738.4	746.8	759.1	770.2	774.7	774.7	774.7
155°	656.4	677.6	695.4	712.2	718.3	724.4	736.7	744.5	749.0	746.8	749.0
157.5°	647.4	664.2	679.8	694.3	699.3	704.4	713.3	720.0	722.2	722.2	722.2
160°	637.4	651.9	664.2	676.4	680.3	684.3	692.1	697.7	698.8	698.8	698.8
162.5°	628.4	639.6	649.7	659.7	662.5	665.3	673.1	676.4	677.6	676.4	677.6
165°	618.4	627.3	635.1	643.0	645.2	647.4	651.9	656.4	656.4	655.2	656.4
167.5°	608.4	615.1	621.8	627.3	629.6	631.8	634.0	636.3	636.3	635.1	636.3
170°	600.5	606.1	609.5	613.9	615.0	616.2	617.3	620.6	619.5	617.3	619.5
172.5°	592.7	596.1	598.3	601.7	602.2	602.8	603.9	605.0	603.9	602.8	603.9
175°	586.0	589.4	590.5	591.6	592.2	592.7	592.7	593.8	592.7	590.5	592.7
177.5°	581.6	583.8	583.8	584.9	584.9	584.9	584.9	584.9	583.8	581.6	583.8
180°	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5

TEST NUMBER: P1010270

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1
2.5°	1924.0	1915.2	1912.6	1915.2	1912.6	1913.9	1905.0	1872.0	1880.9	1867.0	1874.6
5°	2033.1	2025.5	2009.0	2006.5	2003.9	2001.4	1988.7	1959.5	1948.1	1929.1	1927.8
7.5°	2137.1	2137.1	2124.4	2115.5	2104.1	2095.3	2078.8	2035.6	2017.9	1995.1	1982.4
10°	2239.8	2206.9	2220.8	2211.9	2184.0	2179.0	2148.5	2123.2	2088.9	2066.1	2045.8
12.5°	2313.4	2303.3	2290.6	2283.0	2275.4	2258.9	2238.6	2173.9	2156.1	2110.5	2087.6
15°	2310.9	2304.5	2308.3	2308.3	2305.8	2302.0	2285.5	2238.6	2208.1	2163.7	2124.4
17.5°	2186.6	2203.1	2219.5	2231.0	2256.3	2267.7	2283.0	2255.1	2236.0	2198.0	2156.1
20°	1969.7	2010.3	2058.5	2068.6	2091.4	2158.7	2189.1	2213.2	2220.8	2208.1	2173.9
22.5°	1667.8	1702.1	1818.8	1816.2	1849.2	1929.1	2017.9	2090.2	2147.3	2179.0	2166.3
25°	1306.4	1354.6	1416.7	1463.6	1571.4	1690.7	1801.0	1916.4	2015.3	2102.9	2124.4
27.5°	988.0	1051.4	1100.9	1163.0	1217.6	1358.4	1500.4	1680.5	1795.9	1962.1	2048.3
30°	799.0	828.2	877.7	906.8	933.5	1041.3	1202.4	1379.9	1582.9	1774.4	1922.8
32.5°	682.4	702.6	739.4	752.1	780.0	852.3	953.8	1116.1	1325.4	1557.5	1752.8
35°	612.6	634.2	641.8	653.2	676.0	721.7	791.4	909.4	1098.4	1325.4	1558.8
37.5°	553.0	564.4	586.0	593.6	601.2	635.4	682.4	764.8	890.4	1076.8	1335.5
40°	511.1	517.5	528.9	535.2	540.3	564.4	606.3	662.1	754.6	896.7	1135.1
42.5°	466.7	474.3	482.0	489.6	495.9	514.9	540.3	593.6	655.7	763.5	936.0
45°	423.6	428.7	437.6	442.6	451.5	466.7	489.6	526.3	582.2	650.6	790.2
47.5°	384.3	390.6	394.4	400.8	407.1	423.6	445.2	469.3	514.9	582.2	683.6
50°	348.8	356.4	361.5	362.7	367.8	383.0	400.8	427.4	456.6	508.6	597.4
52.5°	323.4	324.7	328.5	333.6	332.3	341.2	357.7	378.0	408.4	450.3	514.9
55°	294.2	298.1	300.6	301.9	301.9	309.5	318.3	337.4	361.5	395.7	450.3
57.5°	257.5	261.3	268.9	271.4	275.2	279.0	282.8	295.5	315.8	348.8	393.2
60°	219.4	222.0	229.6	234.6	237.2	247.3	252.4	262.5	274.0	298.1	339.9
62.5°	176.3	178.8	182.6	187.7	192.8	208.0	220.7	230.8	239.7	256.2	290.4
65°	153.5	154.7	157.3	158.5	159.8	166.1	177.6	191.5	208.0	220.7	241.0
67.5°	133.2	134.4	135.7	138.2	139.5	140.8	145.9	149.7	166.1	183.9	199.1
70°	114.1	116.7	118.0	118.0	119.2	121.8	124.3	129.4	134.4	143.3	162.3
72.5°	96.4	97.7	100.2	100.2	100.2	102.7	105.3	107.8	110.3	115.4	123.0
75°	79.9	82.4	82.4	82.4	83.7	83.7	86.2	88.8	91.3	95.1	97.7
77.5°	66.0	66.0	66.0	66.0	67.2	67.2	68.5	71.0	72.3	73.6	76.1
80°	49.5	50.7	50.7	50.7	52.0	52.0	52.0	54.5	55.8	55.8	58.3
82.5°	36.8	36.8	36.8	38.0	36.8	38.0	38.0	39.3	38.0	39.3	40.6
85°	22.8	22.8	22.8	24.1	24.1	24.1	24.1	24.1	24.1	24.1	25.4
87.5°	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	12.7	11.4	11.4
90°	36.8	36.8	36.8	36.2	35.7	33.5	35.7	36.8	38.0	36.8	30.1
92.5°	69.2	73.7	74.8	79.2	83.7	96.0	112.7	144.0	171.9	169.7	131.7
95°	129.5	138.4	152.9	165.2	177.5	224.4	292.5	382.9	437.6	387.3	257.9
97.5°	232.2	254.5	298.0	331.5	365.0	477.8	598.3	718.9	713.3	551.4	342.7
100°	452.1	500.1	592.7	660.2	727.8	880.7	1019.1	1042.6	881.8	607.2	366.1
102.5°	850.6	941.0	1043.7	1116.2	1188.8	1290.4	1294.9	1163.1	887.4	586.0	367.2
105°	1321.6	1390.8	1460.1	1478.5	1496.9	1482.4	1356.2	1124.1	827.1	557.0	372.8
107.5°	1620.8	1630.8	1632.0	1609.6	1587.3	1477.9	1290.4	1041.5	771.3	541.4	385.1
110°	1703.4	1682.2	1634.2	1588.4	1542.7	1399.8	1200.0	964.4	733.4	536.9	400.7

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	1681.1	1642.0	1570.6	1516.4	1462.3	1307.1	1117.4	910.9	708.8	538.0	417.5
115°	1616.3	1565.0	1485.7	1428.2	1370.8	1224.5	1052.6	868.4	692.1	542.5	434.2
117.5°	1534.8	1480.1	1398.7	1344.0	1289.3	1153.1	999.0	839.4	683.1	549.2	452.1
120°	1450.0	1397.5	1319.4	1268.6	1217.8	1099.5	961.1	817.1	675.3	555.9	469.9
122.5°	1374.1	1322.8	1254.7	1210.1	1165.4	1054.9	931.0	798.1	670.9	563.7	485.6
125°	1306.0	1263.6	1198.9	1157.0	1115.1	1016.9	901.9	780.3	665.3	571.5	502.3
127.5°	1248.0	1207.8	1150.9	1111.8	1072.7	979.0	872.9	763.5	661.9	579.3	517.9
130°	1195.5	1157.6	1102.9	1066.1	1029.2	941.0	845.0	746.8	659.7	588.3	532.5
132.5°	1144.2	1106.2	1052.6	1018.6	984.5	905.3	818.2	733.4	658.6	597.2	547.0
135°	1088.3	1051.5	1003.5	972.2	941.0	867.3	793.7	721.1	657.5	603.9	559.2
137.5°	1031.4	999.0	953.3	925.4	897.5	837.2	773.6	712.2	657.5	610.6	569.3
140°	973.4	944.3	908.6	884.0	859.5	808.2	754.6	704.4	656.4	615.1	577.1
142.5°	923.1	897.5	864.0	844.4	824.9	782.5	739.0	696.5	656.4	618.4	583.8
145°	874.0	855.0	828.3	812.1	795.9	761.3	724.4	689.8	654.1	620.6	589.4
147.5°	835.0	819.3	795.9	783.6	771.3	743.4	713.3	683.1	650.8	621.8	592.7
150°	799.2	785.8	769.1	759.0	749.0	725.6	701.0	674.2	647.4	620.6	595.0
152.5°	770.2	759.1	746.8	738.4	730.0	711.1	688.7	666.4	641.8	618.4	596.1
155°	744.5	736.7	724.4	718.3	712.2	695.4	677.6	656.4	635.1	616.2	597.2
157.5°	720.0	713.3	704.4	699.3	694.3	679.8	664.2	647.4	628.4	611.7	597.2
160°	697.7	692.1	684.3	680.3	676.4	664.2	651.9	637.4	621.8	608.4	597.2
162.5°	676.4	673.1	665.3	662.5	659.7	649.7	639.6	628.4	616.2	605.0	596.1
165°	656.4	651.9	647.4	645.2	643.0	635.1	627.3	618.4	608.4	600.5	593.8
167.5°	636.3	634.0	631.8	629.6	627.3	621.8	615.1	608.4	601.7	596.1	592.7
170°	620.6	617.3	616.2	615.0	613.9	609.5	606.1	600.5	596.1	592.7	590.5
172.5°	605.0	603.9	602.8	602.2	601.7	598.3	596.1	592.7	589.4	588.3	587.1
175°	593.8	592.7	592.7	592.2	591.6	590.5	589.4	586.0	584.9	583.8	584.9
177.5°	584.9	584.9	584.9	584.9	584.9	583.8	583.8	581.6	580.5	581.6	583.8
180°	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1
2.5°	1863.1	1856.8	1856.8	1853.0	1853.0	1832.7	1832.7	1839.1	1831.4	1822.6	1809.9
5°	1911.3	1897.4	1893.6	1888.5	1872.0	1846.7	1836.5	1832.7	1817.5	1798.5	1776.9
7.5°	1957.0	1934.2	1922.8	1911.3	1889.8	1854.3	1834.0	1820.0	1797.2	1768.0	1740.1
10°	2001.4	1972.2	1943.1	1929.1	1898.7	1854.3	1825.1	1802.3	1769.3	1730.0	1690.7
12.5°	2042.0	1981.1	1976.0	1948.1	1903.7	1853.0	1808.6	1775.6	1733.8	1688.1	1642.5
15°	2077.5	2015.3	1984.9	1959.5	1901.2	1837.8	1790.9	1750.3	1694.5	1642.5	1586.7
17.5°	2095.3	2028.0	2007.7	1965.9	1906.3	1823.8	1760.4	1711.0	1650.1	1587.9	1524.5
20°	2113.0	2034.4	2001.4	1972.2	1891.1	1797.2	1726.2	1669.1	1601.9	1528.3	1458.6
22.5°	2121.9	2034.4	1995.1	1954.5	1875.8	1768.0	1684.3	1617.1	1538.5	1463.6	1379.9
25°	2106.7	2026.8	1979.8	1938.0	1849.2	1732.5	1636.1	1560.0	1476.3	1391.3	1306.4
27.5°	2068.6	2009.0	1954.5	1911.3	1812.4	1686.9	1585.4	1499.1	1412.9	1317.8	1231.5
30°	1997.6	1971.0	1927.8	1879.6	1771.8	1646.3	1525.8	1437.0	1341.9	1246.8	1156.7
32.5°	1887.2	1910.1	1882.2	1840.3	1723.6	1590.5	1462.4	1372.3	1268.3	1165.6	1083.1
35°	1752.8	1834.0	1818.8	1789.6	1672.9	1530.9	1402.8	1293.7	1189.7	1085.7	1003.2
37.5°	1605.7	1728.7	1741.4	1723.6	1614.6	1470.0	1329.2	1222.7	1116.1	1010.8	927.1
40°	1404.0	1593.0	1633.6	1641.2	1553.7	1396.4	1249.3	1145.3	1040.0	937.3	835.8
42.5°	1218.8	1457.3	1508.0	1539.7	1476.3	1324.1	1175.7	1060.3	956.3	863.7	762.3
45°	1045.1	1293.7	1376.1	1416.7	1388.8	1241.7	1088.2	980.4	885.3	800.3	702.6
47.5°	866.3	1116.1	1231.5	1296.2	1296.2	1158.0	1004.5	898.0	806.6	734.4	648.1
50°	747.0	955.0	1074.3	1159.2	1182.1	1073.0	928.4	824.4	738.2	659.5	593.6
52.5°	636.7	823.1	922.1	1010.8	1076.8	981.7	843.4	749.6	664.6	591.0	539.0
55°	550.4	690.0	780.0	877.7	951.2	889.1	761.0	669.7	596.1	535.2	490.8
57.5°	468.0	589.8	663.3	749.6	828.2	781.3	678.5	599.9	535.2	482.0	442.6
60°	398.2	497.2	554.3	621.5	719.1	686.2	601.2	528.9	476.9	428.7	395.7
62.5°	338.6	417.3	465.5	513.7	602.4	587.2	521.3	465.5	421.1	380.5	352.6
65°	277.8	342.4	380.5	422.3	493.4	499.7	446.4	407.1	366.5	331.0	305.7
67.5°	224.5	275.2	309.5	345.0	402.1	419.8	383.0	350.1	315.8	286.6	263.8
70°	181.4	216.9	242.2	270.2	317.1	338.6	319.6	296.8	268.9	244.8	224.5
72.5°	143.3	166.1	181.4	202.9	241.0	262.5	261.3	241.0	220.7	204.2	187.7
75°	105.3	123.0	135.7	149.7	180.1	200.4	205.5	196.6	176.3	163.6	150.9
77.5°	79.9	90.1	96.4	106.5	128.1	145.9	153.5	150.9	137.0	126.8	118.0
80°	60.9	63.4	66.0	69.8	87.5	104.0	109.1	107.8	100.2	96.4	86.2
82.5°	43.1	44.4	45.7	46.9	53.3	67.2	72.3	74.8	68.5	64.7	55.8
85°	25.4	26.6	26.6	29.2	30.4	34.2	43.1	43.1	41.9	36.8	35.5
87.5°	12.7	12.7	11.4	11.4	12.7	14.0	16.5	19.0	16.5	15.2	14.0
90°	22.3	16.7	15.0	13.4	11.2	8.9	4.5	1.1	4.5	8.9	11.2
92.5°	89.3	59.2	53.0	46.9	38.0	32.4	23.4	16.7	23.4	32.4	38.0
95°	160.7	109.4	96.0	82.6	64.7	54.7	43.5	39.1	43.5	54.7	64.7
97.5°	207.6	141.8	126.7	111.6	91.5	77.0	64.7	58.0	64.7	77.0	91.5
100°	229.9	170.8	155.2	139.5	117.2	99.3	89.3	86.0	89.3	99.3	117.2
102.5°	250.0	196.5	180.8	165.2	141.8	123.9	113.9	111.6	113.9	123.9	141.8
105°	273.5	221.0	205.4	189.8	165.2	148.5	140.6	136.2	140.6	148.5	165.2
107.5°	296.9	245.6	230.0	214.3	189.8	174.1	166.3	163.0	166.3	174.1	189.8
110°	320.4	271.2	255.0	238.9	215.4	200.9	194.2	189.8	194.2	200.9	215.4

TEST NUMBER: P1010270

CATALOG NUMBER: S122RDIP-B865D1080UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	342.7	295.8	279.0	262.3	240.0	226.6	218.8	214.3	218.8	226.6	240.0
115°	366.1	318.1	303.0	288.0	265.7	252.3	245.6	240.0	245.6	252.3	265.7
117.5°	387.3	342.7	327.0	311.4	290.2	277.9	271.2	266.8	271.2	277.9	290.2
120°	409.7	366.1	350.5	334.9	312.6	302.5	295.8	291.3	295.8	302.5	312.6
122.5°	430.9	390.7	374.5	358.3	336.0	324.8	318.1	314.8	318.1	324.8	336.0
125°	452.1	411.9	396.2	380.6	358.3	344.9	338.2	334.9	338.2	344.9	358.3
127.5°	472.2	433.1	416.9	400.7	379.5	365.0	356.1	351.6	356.1	365.0	379.5
130°	490.0	451.0	435.4	419.7	397.4	381.8	370.6	366.1	370.6	381.8	397.4
132.5°	505.7	468.8	453.2	437.6	414.1	397.4	385.1	379.5	385.1	397.4	414.1
135°	520.2	484.5	468.8	453.2	427.5	410.8	397.4	392.9	397.4	410.8	427.5
137.5°	532.5	496.7	482.2	467.7	442.0	424.2	410.8	405.2	410.8	424.2	442.0
140°	542.5	509.0	494.5	480.0	455.4	437.6	424.2	419.7	424.2	437.6	455.4
142.5°	550.3	517.9	504.6	491.2	467.7	449.8	437.6	434.2	437.6	449.8	467.7
145°	558.1	528.0	515.7	503.4	481.1	464.4	453.2	448.7	453.2	464.4	481.1
147.5°	564.8	535.8	524.6	513.5	494.5	478.9	467.7	464.4	467.7	478.9	494.5
150°	569.3	543.6	533.6	523.5	506.8	492.3	483.3	480.0	483.3	492.3	506.8
152.5°	573.8	551.4	542.5	533.6	517.9	505.7	496.7	495.6	496.7	505.7	517.9
155°	578.2	559.2	550.8	542.5	530.2	517.9	511.2	510.1	511.2	517.9	530.2
157.5°	581.6	564.8	557.6	550.3	540.3	529.1	523.5	522.4	523.5	529.1	540.3
160°	583.8	570.4	564.2	558.1	549.2	540.3	535.8	534.7	535.8	540.3	549.2
162.5°	584.9	573.8	569.3	564.8	557.0	550.3	545.8	547.0	545.8	550.3	557.0
165°	586.0	576.0	572.6	569.3	563.7	557.0	554.8	555.9	554.8	557.0	563.7
167.5°	586.0	578.2	576.0	573.8	569.3	564.8	562.6	563.7	562.6	564.8	569.3
170°	584.9	579.3	577.6	576.0	573.8	570.4	569.3	571.5	569.3	570.4	573.8
172.5°	583.8	580.5	579.4	578.2	577.1	573.8	574.9	576.0	574.9	573.8	577.1
175°	582.7	580.5	579.9	579.3	579.3	577.1	578.2	579.3	578.2	577.1	579.3
177.5°	581.6	580.5	580.5	580.5	580.5	578.2	579.3	581.6	579.3	578.2	580.5
180°	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5

TEST NUMBER: P1010270

CATALOG NUMBER: S122RDIP-B865D1080UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1
2.5°	1804.8	1806.1	1809.9	1798.5	1780.7	1773.1	1750.3	1746.5	1742.7	1742.7	1746.5
5°	1764.2	1759.1	1760.4	1738.9	1713.5	1698.3	1666.6	1671.6	1655.1	1645.0	1647.5
7.5°	1719.8	1705.9	1704.6	1676.7	1645.0	1617.1	1584.1	1576.5	1561.3	1543.5	1535.9
10°	1664.0	1653.9	1634.9	1603.1	1562.6	1539.7	1495.3	1468.7	1464.9	1438.3	1428.1
12.5°	1607.0	1589.2	1570.2	1525.8	1480.1	1443.3	1410.4	1381.2	1360.9	1338.1	1322.8
15°	1541.0	1519.4	1497.9	1450.9	1397.7	1360.9	1311.4	1268.3	1208.7	1161.8	1135.1
17.5°	1468.7	1444.6	1415.4	1363.4	1311.4	1260.7	1169.4	1118.7	1076.8	1048.9	1032.4
20°	1393.9	1367.2	1338.1	1286.1	1196.0	1107.2	1056.5	1017.2	991.8	963.9	943.6
22.5°	1315.2	1287.3	1255.6	1174.5	1079.3	1017.2	977.9	941.1	904.3	889.1	878.9
25°	1241.7	1216.3	1175.7	1065.4	990.6	933.5	889.1	865.0	846.0	825.7	806.6
27.5°	1165.6	1118.7	1061.6	969.0	922.1	863.7	832.0	814.3	781.3	767.3	758.5
30°	1074.3	1022.3	967.7	901.8	847.2	806.6	777.5	748.3	729.3	715.3	700.1
32.5°	981.7	932.2	898.0	829.5	788.9	747.0	719.1	701.4	673.5	664.6	658.3
35°	901.8	859.9	829.5	773.7	735.6	697.6	677.3	650.6	632.9	616.4	606.3
37.5°	823.1	800.3	768.6	721.7	681.1	650.6	622.7	613.9	589.8	580.9	570.7
40°	768.6	734.4	707.7	667.1	632.9	599.9	582.2	561.9	545.4	531.4	527.6
42.5°	702.6	677.3	662.1	617.7	582.2	563.1	541.6	518.7	506.1	494.6	480.7
45°	653.2	630.4	608.8	573.3	541.6	517.5	498.4	483.2	461.7	456.6	435.0
47.5°	601.2	578.4	561.9	526.3	497.2	474.3	460.4	440.1	422.3	410.9	400.8
50°	549.2	530.2	514.9	484.5	459.1	435.0	416.0	395.7	388.1	369.1	362.7
52.5°	499.7	487.0	470.5	441.4	416.0	395.7	375.4	358.9	347.5	337.4	329.8
55°	457.9	437.6	430.0	398.2	376.7	355.1	337.4	327.2	313.3	306.9	300.6
57.5°	410.9	399.5	386.8	362.7	338.6	318.3	305.7	290.4	282.8	275.2	270.2
60°	370.3	353.9	343.7	323.4	301.9	282.8	271.4	260.0	249.9	243.5	233.4
62.5°	323.4	310.7	304.4	282.8	265.1	247.3	237.2	225.8	218.1	206.7	194.1
65°	282.8	272.7	265.1	247.3	230.8	214.3	204.2	190.2	180.1	173.8	172.5
67.5°	247.3	239.7	228.3	211.8	195.3	182.6	171.2	159.8	158.5	156.0	156.0
70°	208.0	200.4	194.1	176.3	162.3	148.4	145.9	142.1	138.2	137.0	134.4
72.5°	173.8	167.4	159.8	144.6	130.6	126.8	124.3	121.8	118.0	116.7	115.4
75°	140.8	131.9	126.8	112.9	109.1	106.5	104.0	100.2	97.7	96.4	93.9
77.5°	107.8	98.9	98.9	91.3	88.8	85.0	82.4	79.9	78.6	76.1	76.1
80°	76.1	76.1	73.6	69.8	66.0	64.7	60.9	59.6	58.3	59.6	57.1
82.5°	55.8	50.7	50.7	48.2	45.7	44.4	41.9	41.9	40.6	40.6	40.6
85°	31.7	31.7	30.4	27.9	26.6	26.6	25.4	25.4	24.1	24.1	22.8
87.5°	12.7	11.4	12.7	11.4	11.4	10.1	10.1	10.1	8.9	10.1	8.9
90°	13.4	15.0	16.7	22.3	30.1	36.8	38.0	36.8	35.7	33.5	35.7
92.5°	46.9	53.0	59.2	89.3	131.7	169.7	171.9	144.0	112.7	96.0	83.7
95°	82.6	96.0	109.4	160.7	257.9	387.3	437.6	382.9	292.5	224.4	177.5
97.5°	111.6	126.7	141.8	207.6	342.7	551.4	713.3	718.9	598.3	477.8	365.0
100°	139.5	155.2	170.8	229.9	366.1	607.2	881.8	1042.6	1019.1	880.7	727.8
102.5°	165.2	180.8	196.5	250.0	367.2	586.0	887.4	1163.1	1294.9	1290.4	1188.8
105°	189.8	205.4	221.0	273.5	372.8	557.0	827.1	1124.1	1356.2	1482.4	1496.9
107.5°	214.3	230.0	245.6	296.9	385.1	541.4	771.3	1041.5	1290.4	1477.9	1587.3
110°	238.9	255.0	271.2	320.4	400.7	536.9	733.4	964.4	1200.0	1399.8	1542.7

TEST NUMBER: P1010270

CATALOG NUMBER: S122RDIP-B865D1080UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	262.3	279.0	295.8	342.7	417.5	538.0	708.8	910.9	1117.4	1307.1	1462.3
115°	288.0	303.0	318.1	366.1	434.2	542.5	692.1	868.4	1052.6	1224.5	1370.8
117.5°	311.4	327.0	342.7	387.3	452.1	549.2	683.1	839.4	999.0	1153.1	1289.3
120°	334.9	350.5	366.1	409.7	469.9	555.9	675.3	817.1	961.1	1099.5	1217.8
122.5°	358.3	374.5	390.7	430.9	485.6	563.7	670.9	798.1	931.0	1054.9	1165.4
125°	380.6	396.2	411.9	452.1	502.3	571.5	665.3	780.3	901.9	1016.9	1115.1
127.5°	400.7	416.9	433.1	472.2	517.9	579.3	661.9	763.5	872.9	979.0	1072.7
130°	419.7	435.4	451.0	490.0	532.5	588.3	659.7	746.8	845.0	941.0	1029.2
132.5°	437.6	453.2	468.8	505.7	547.0	597.2	658.6	733.4	818.2	905.3	984.5
135°	453.2	468.8	484.5	520.2	559.2	603.9	657.5	721.1	793.7	867.3	941.0
137.5°	467.7	482.2	496.7	532.5	569.3	610.6	657.5	712.2	773.6	837.2	897.5
140°	480.0	494.5	509.0	542.5	577.1	615.1	656.4	704.4	754.6	808.2	859.5
142.5°	491.2	504.6	517.9	550.3	583.8	618.4	656.4	696.5	739.0	782.5	824.9
145°	503.4	515.7	528.0	558.1	589.4	620.6	654.1	689.8	724.4	761.3	795.9
147.5°	513.5	524.6	535.8	564.8	592.7	621.8	650.8	683.1	713.3	743.4	771.3
150°	523.5	533.6	543.6	569.3	595.0	620.6	647.4	674.2	701.0	725.6	749.0
152.5°	533.6	542.5	551.4	573.8	596.1	618.4	641.8	666.4	688.7	711.1	730.0
155°	542.5	550.8	559.2	578.2	597.2	616.2	635.1	656.4	677.6	695.4	712.2
157.5°	550.3	557.6	564.8	581.6	597.2	611.7	628.4	647.4	664.2	679.8	694.3
160°	558.1	564.2	570.4	583.8	597.2	608.4	621.8	637.4	651.9	664.2	676.4
162.5°	564.8	569.3	573.8	584.9	596.1	605.0	616.2	628.4	639.6	649.7	659.7
165°	569.3	572.6	576.0	586.0	593.8	600.5	608.4	618.4	627.3	635.1	643.0
167.5°	573.8	576.0	578.2	586.0	592.7	596.1	601.7	608.4	615.1	621.8	627.3
170°	576.0	577.6	579.3	584.9	590.5	592.7	596.1	600.5	606.1	609.5	613.9
172.5°	578.2	579.4	580.5	583.8	587.1	588.3	589.4	592.7	596.1	598.3	601.7
175°	579.3	579.9	580.5	582.7	584.9	583.8	584.9	586.0	589.4	590.5	591.6
177.5°	580.5	580.5	580.5	581.6	583.8	581.6	580.5	581.6	583.8	583.8	584.9
180°	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5

TEST NUMBER: P1010270

CATALOG NUMBER: S122RDIP-B865D1080UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1
2.5°	1746.5	1743.9	1736.3	1738.9	1735.1	1735.1	1732.5	1732.5	1732.5	1738.9	1735.1
5°	1651.3	1642.5	1633.6	1629.8	1626.0	1622.2	1622.2	1620.9	1632.3	1629.8	1639.9
7.5°	1533.4	1530.9	1513.1	1513.1	1506.8	1504.2	1510.6	1511.8	1513.1	1515.6	1522.0
10°	1428.1	1421.8	1396.4	1398.9	1395.1	1390.1	1393.9	1391.3	1400.2	1402.8	1400.2
12.5°	1303.8	1292.4	1264.5	1250.6	1235.3	1223.9	1237.9	1227.7	1263.2	1273.4	1301.3
15°	1138.9	1117.4	1098.4	1098.4	1084.4	1074.3	1080.6	1092.0	1099.6	1111.0	1116.1
17.5°	1028.6	1019.7	1004.5	995.6	991.8	988.0	988.0	993.1	1009.6	1008.3	1018.5
20°	934.7	929.7	922.1	910.6	906.8	904.3	904.3	904.3	915.7	925.9	932.2
22.5°	870.1	866.3	861.2	846.0	838.4	835.8	842.2	846.0	854.8	862.5	868.8
25°	805.4	796.5	787.6	782.5	778.7	778.7	781.3	782.5	786.4	790.2	797.8
27.5°	752.1	745.8	733.1	719.1	719.1	715.3	717.9	720.4	729.3	742.0	748.3
30°	692.5	691.2	686.2	681.1	676.0	673.5	678.5	682.4	683.6	690.0	690.0
32.5°	649.4	640.5	631.6	626.5	624.0	622.7	624.0	629.1	629.1	636.7	645.6
35°	606.3	601.2	592.3	583.4	580.9	574.5	579.6	584.7	593.6	597.4	601.2
37.5°	559.3	553.0	549.2	546.6	541.6	542.8	539.0	546.6	554.3	553.0	555.5
40°	523.8	512.4	501.0	499.7	498.4	497.2	497.2	498.4	503.5	508.6	516.2
42.5°	478.2	474.3	464.2	454.1	451.5	449.0	446.4	451.5	461.7	470.5	474.3
45°	431.2	426.2	423.6	416.0	410.9	409.7	407.1	413.5	422.3	426.2	428.7
47.5°	388.1	386.8	379.2	380.5	376.7	378.0	376.7	380.5	380.5	384.3	386.8
50°	358.9	355.1	351.3	348.8	345.0	345.0	343.7	345.0	350.1	355.1	353.9
52.5°	329.8	323.4	322.2	320.9	318.3	320.9	317.1	318.3	323.4	326.0	324.7
55°	295.5	294.2	291.7	289.2	287.9	286.6	286.6	286.6	291.7	295.5	296.8
57.5°	268.9	262.5	257.5	257.5	252.4	251.1	253.7	254.9	258.7	261.3	263.8
60°	232.1	229.6	222.0	218.1	210.5	209.3	209.3	214.3	220.7	229.6	232.1
62.5°	192.8	189.0	187.7	187.7	187.7	187.7	187.7	187.7	187.7	189.0	189.0
65°	171.2	172.5	171.2	170.0	171.2	171.2	170.0	170.0	170.0	171.2	172.5
67.5°	153.5	152.2	153.5	152.2	150.9	150.9	149.7	150.9	152.2	153.5	153.5
70°	133.2	133.2	131.9	133.2	131.9	130.6	129.4	129.4	131.9	133.2	133.2
72.5°	114.1	114.1	112.9	112.9	110.3	110.3	111.6	110.3	110.3	114.1	114.1
75°	95.1	93.9	92.6	92.6	91.3	91.3	91.3	90.1	92.6	92.6	93.9
77.5°	74.8	74.8	74.8	73.6	73.6	72.3	72.3	73.6	73.6	73.6	74.8
80°	57.1	57.1	57.1	55.8	54.5	54.5	54.5	54.5	54.5	55.8	54.5
82.5°	39.3	39.3	39.3	39.3	39.3	38.0	38.0	38.0	39.3	39.3	38.0
85°	24.1	22.8	24.1	24.1	22.8	24.1	22.8	22.8	21.6	21.6	22.8
87.5°	10.1	8.9	7.6	7.6	8.9	7.6	7.6	7.6	8.9	7.6	7.6
90°	36.2	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.2
92.5°	79.2	74.8	73.7	69.2	70.3	68.1	70.3	69.2	73.7	74.8	79.2
95°	165.2	152.9	138.4	129.5	126.1	127.3	126.1	129.5	138.4	152.9	165.2
97.5°	331.5	298.0	254.5	232.2	219.9	213.2	219.9	232.2	254.5	298.0	331.5
100°	660.2	592.7	500.1	452.1	419.7	399.6	419.7	452.1	500.1	592.7	660.2
102.5°	1116.2	1043.7	941.0	850.6	808.2	779.1	808.2	850.6	941.0	1043.7	1116.2
105°	1478.5	1460.1	1390.8	1321.6	1273.6	1258.0	1273.6	1321.6	1390.8	1460.1	1478.5
107.5°	1609.6	1632.0	1630.8	1620.8	1606.3	1580.6	1606.3	1620.8	1630.8	1632.0	1609.6
110°	1588.4	1634.2	1682.2	1703.4	1713.4	1712.3	1713.4	1703.4	1682.2	1634.2	1588.4

TEST NUMBER: P1010270

CATALOG NUMBER: S122RDIP-B865D1080UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	1516.4	1570.6	1642.0	1681.1	1702.3	1710.1	1702.3	1681.1	1642.0	1570.6	1516.4
115°	1428.2	1485.7	1565.0	1616.3	1645.4	1655.4	1645.4	1616.3	1565.0	1485.7	1428.2
117.5°	1344.0	1398.7	1480.1	1534.8	1565.0	1572.8	1565.0	1534.8	1480.1	1398.7	1344.0
120°	1268.6	1319.4	1397.5	1450.0	1482.4	1493.5	1482.4	1450.0	1397.5	1319.4	1268.6
122.5°	1210.1	1254.7	1322.8	1374.1	1402.0	1410.9	1402.0	1374.1	1322.8	1254.7	1210.1
125°	1157.0	1198.9	1263.6	1306.0	1333.9	1342.8	1333.9	1306.0	1263.6	1198.9	1157.0
127.5°	1111.8	1150.9	1207.8	1248.0	1272.5	1279.2	1272.5	1248.0	1207.8	1150.9	1111.8
130°	1066.1	1102.9	1157.6	1195.5	1217.8	1226.8	1217.8	1195.5	1157.6	1102.9	1066.1
132.5°	1018.6	1052.6	1106.2	1144.2	1164.2	1172.1	1164.2	1144.2	1106.2	1052.6	1018.6
135°	972.2	1003.5	1051.5	1088.3	1108.4	1112.9	1108.4	1088.3	1051.5	1003.5	972.2
137.5°	925.4	953.3	999.0	1031.4	1049.3	1056.0	1049.3	1031.4	999.0	953.3	925.4
140°	884.0	908.6	944.3	973.4	990.1	996.8	990.1	973.4	944.3	908.6	884.0
142.5°	844.4	864.0	897.5	923.1	937.7	937.7	937.7	923.1	897.5	864.0	844.4
145°	812.1	828.3	855.0	874.0	885.2	888.5	885.2	874.0	855.0	828.3	812.1
147.5°	783.6	795.9	819.3	835.0	842.8	845.0	842.8	835.0	819.3	795.9	783.6
150°	759.0	769.1	785.8	799.2	805.9	807.0	805.9	799.2	785.8	769.1	759.0
152.5°	738.4	746.8	759.1	770.2	774.7	774.7	774.7	770.2	759.1	746.8	738.4
155°	718.3	724.4	736.7	744.5	749.0	746.8	749.0	744.5	736.7	724.4	718.3
157.5°	699.3	704.4	713.3	720.0	722.2	722.2	722.2	720.0	713.3	704.4	699.3
160°	680.3	684.3	692.1	697.7	698.8	698.8	698.8	697.7	692.1	684.3	680.3
162.5°	662.5	665.3	673.1	676.4	677.6	676.4	677.6	676.4	673.1	665.3	662.5
165°	645.2	647.4	651.9	656.4	656.4	655.2	656.4	656.4	651.9	647.4	645.2
167.5°	629.6	631.8	634.0	636.3	636.3	635.1	636.3	636.3	634.0	631.8	629.6
170°	615.0	616.2	617.3	620.6	619.5	617.3	619.5	620.6	617.3	616.2	615.0
172.5°	602.2	602.8	603.9	605.0	603.9	602.8	603.9	605.0	603.9	602.8	602.2
175°	592.2	592.7	592.7	593.8	592.7	590.5	592.7	593.8	592.7	592.7	592.2
177.5°	584.9	584.9	584.9	584.9	583.8	581.6	583.8	584.9	584.9	584.9	584.9
180°	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5

TEST NUMBER: P1010270

CATALOG NUMBER: S122RDIP-B865D1080UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1
2.5°	1738.9	1745.2	1742.7	1728.7	1742.7	1746.5	1754.1	1761.7	1766.8	1774.4	1780.7
5°	1629.8	1642.5	1650.1	1642.5	1667.8	1671.6	1689.4	1699.5	1714.8	1727.4	1737.6
7.5°	1527.0	1537.2	1552.4	1555.0	1570.2	1587.9	1613.3	1638.7	1662.8	1675.4	1686.9
10°	1416.7	1434.5	1457.3	1452.2	1475.0	1502.9	1529.6	1570.2	1590.5	1613.3	1633.6
12.5°	1306.4	1317.8	1348.2	1358.4	1391.3	1412.9	1449.7	1475.0	1525.8	1552.4	1570.2
15°	1113.6	1160.5	1198.6	1244.2	1287.3	1327.9	1360.9	1406.6	1450.9	1471.2	1500.4
17.5°	1026.1	1047.6	1070.5	1093.3	1149.1	1221.4	1279.7	1329.2	1367.2	1393.9	1428.1
20°	934.7	956.3	981.7	1003.2	1037.5	1089.5	1161.8	1246.8	1292.4	1320.3	1353.3
22.5°	870.1	890.4	906.8	925.9	952.5	990.6	1045.1	1150.4	1211.2	1245.5	1274.7
25°	800.3	825.7	843.4	857.4	878.9	920.8	965.2	1024.8	1133.9	1160.5	1201.1
27.5°	752.1	759.7	780.0	801.6	823.1	846.0	891.6	942.4	1015.9	1074.3	1123.7
30°	695.0	714.1	733.1	742.0	761.0	794.0	821.9	876.4	933.5	979.1	1038.7
32.5°	651.9	663.3	676.0	697.6	715.3	738.2	766.1	811.7	859.9	889.1	934.7
35°	603.7	611.3	638.0	646.8	664.6	687.4	715.3	750.8	802.8	825.7	858.6
37.5°	558.1	575.8	583.4	603.7	620.2	643.0	663.3	703.9	738.2	764.8	795.2
40°	522.5	530.2	544.1	561.9	575.8	593.6	618.9	648.1	684.9	706.4	733.1
42.5°	479.4	485.8	503.5	513.7	536.5	553.0	568.2	603.7	636.7	653.2	679.8
45°	432.5	447.7	459.1	479.4	492.1	512.4	531.4	556.8	587.2	606.3	621.5
47.5°	391.9	407.1	418.5	437.6	457.9	466.7	487.0	513.7	541.6	556.8	578.4
50°	358.9	364.0	385.6	394.4	416.0	433.8	447.7	470.5	501.0	509.9	527.6
52.5°	327.2	331.0	345.0	356.4	375.4	390.6	408.4	430.0	455.3	469.3	483.2
55°	299.3	301.9	308.2	320.9	333.6	352.6	369.1	389.4	410.9	426.2	438.8
57.5°	267.6	272.7	277.8	285.4	298.1	315.8	333.6	352.6	370.3	380.5	397.0
60°	230.8	238.4	247.3	256.2	265.1	277.8	298.1	315.8	332.3	341.2	353.9
62.5°	191.5	206.7	214.3	224.5	232.1	243.5	258.7	279.0	290.4	301.9	312.0
65°	172.5	173.8	175.0	185.2	199.1	210.5	224.5	239.7	257.5	265.1	272.7
67.5°	153.5	154.7	157.3	158.5	163.6	176.3	191.5	208.0	222.0	227.0	234.6
70°	134.4	134.4	139.5	140.8	142.1	143.3	156.0	172.5	185.2	191.5	200.4
72.5°	114.1	115.4	118.0	119.2	121.8	124.3	128.1	137.0	152.2	158.5	168.7
75°	93.9	95.1	96.4	97.7	101.5	102.7	106.5	111.6	118.0	125.6	131.9
77.5°	74.8	74.8	76.1	78.6	81.2	82.4	86.2	88.8	91.3	95.1	100.2
80°	55.8	57.1	57.1	59.6	59.6	60.9	62.1	66.0	68.5	71.0	73.6
82.5°	38.0	40.6	40.6	40.6	41.9	43.1	44.4	44.4	46.9	48.2	52.0
85°	22.8	24.1	24.1	24.1	22.8	25.4	25.4	26.6	26.6	26.6	27.9
87.5°	8.9	7.6	8.9	8.9	8.9	10.1	8.9	8.9	10.1	11.4	11.4
90°	35.7	33.5	35.7	36.8	38.0	36.8	30.1	22.3	16.7	15.0	13.4
92.5°	83.7	96.0	112.7	144.0	171.9	169.7	131.7	89.3	59.2	53.0	46.9
95°	177.5	224.4	292.5	382.9	437.6	387.3	257.9	160.7	109.4	96.0	82.6
97.5°	365.0	477.8	598.3	718.9	713.3	551.4	342.7	207.6	141.8	126.7	111.6
100°	727.8	880.7	1019.1	1042.6	881.8	607.2	366.1	229.9	170.8	155.2	139.5
102.5°	1188.8	1290.4	1294.9	1163.1	887.4	586.0	367.2	250.0	196.5	180.8	165.2
105°	1496.9	1482.4	1356.2	1124.1	827.1	557.0	372.8	273.5	221.0	205.4	189.8
107.5°	1587.3	1477.9	1290.4	1041.5	771.3	541.4	385.1	296.9	245.6	230.0	214.3
110°	1542.7	1399.8	1200.0	964.4	733.4	536.9	400.7	320.4	271.2	255.0	238.9

TEST NUMBER: P1010270

CATALOG NUMBER: S122RDIP-B865D1080UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	1462.3	1307.1	1117.4	910.9	708.8	538.0	417.5	342.7	295.8	279.0	262.3
115°	1370.8	1224.5	1052.6	868.4	692.1	542.5	434.2	366.1	318.1	303.0	288.0
117.5°	1289.3	1153.1	999.0	839.4	683.1	549.2	452.1	387.3	342.7	327.0	311.4
120°	1217.8	1099.5	961.1	817.1	675.3	555.9	469.9	409.7	366.1	350.5	334.9
122.5°	1165.4	1054.9	931.0	798.1	670.9	563.7	485.6	430.9	390.7	374.5	358.3
125°	1115.1	1016.9	901.9	780.3	665.3	571.5	502.3	452.1	411.9	396.2	380.6
127.5°	1072.7	979.0	872.9	763.5	661.9	579.3	517.9	472.2	433.1	416.9	400.7
130°	1029.2	941.0	845.0	746.8	659.7	588.3	532.5	490.0	451.0	435.4	419.7
132.5°	984.5	905.3	818.2	733.4	658.6	597.2	547.0	505.7	468.8	453.2	437.6
135°	941.0	867.3	793.7	721.1	657.5	603.9	559.2	520.2	484.5	468.8	453.2
137.5°	897.5	837.2	773.6	712.2	657.5	610.6	569.3	532.5	496.7	482.2	467.7
140°	859.5	808.2	754.6	704.4	656.4	615.1	577.1	542.5	509.0	494.5	480.0
142.5°	824.9	782.5	739.0	696.5	656.4	618.4	583.8	550.3	517.9	504.6	491.2
145°	795.9	761.3	724.4	689.8	654.1	620.6	589.4	558.1	528.0	515.7	503.4
147.5°	771.3	743.4	713.3	683.1	650.8	621.8	592.7	564.8	535.8	524.6	513.5
150°	749.0	725.6	701.0	674.2	647.4	620.6	595.0	569.3	543.6	533.6	523.5
152.5°	730.0	711.1	688.7	666.4	641.8	618.4	596.1	573.8	551.4	542.5	533.6
155°	712.2	695.4	677.6	656.4	635.1	616.2	597.2	578.2	559.2	550.8	542.5
157.5°	694.3	679.8	664.2	647.4	628.4	611.7	597.2	581.6	564.8	557.6	550.3
160°	676.4	664.2	651.9	637.4	621.8	608.4	597.2	583.8	570.4	564.2	558.1
162.5°	659.7	649.7	639.6	628.4	616.2	605.0	596.1	584.9	573.8	569.3	564.8
165°	643.0	635.1	627.3	618.4	608.4	600.5	593.8	586.0	576.0	572.6	569.3
167.5°	627.3	621.8	615.1	608.4	601.7	596.1	592.7	586.0	578.2	576.0	573.8
170°	613.9	609.5	606.1	600.5	596.1	592.7	590.5	584.9	579.3	577.6	576.0
172.5°	601.7	598.3	596.1	592.7	589.4	588.3	587.1	583.8	580.5	579.4	578.2
175°	591.6	590.5	589.4	586.0	584.9	583.8	584.9	582.7	580.5	579.9	579.3
177.5°	584.9	583.8	583.8	581.6	580.5	581.6	583.8	581.6	580.5	580.5	580.5
180°	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5

TEST NUMBER: P1010270

CATALOG NUMBER: S122RDIP-B865D1080UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1825.1	1825.1	1825.1	1825.1
2.5°	1792.1	1788.3	1811.1	1836.5
5°	1755.3	1761.7	1790.9	1826.4
7.5°	1717.3	1731.2	1765.5	1812.4
10°	1664.0	1689.4	1741.4	1789.6
12.5°	1612.0	1646.3	1695.7	1752.8
15°	1553.7	1591.7	1652.6	1721.1
17.5°	1489.0	1532.1	1603.1	1678.0
20°	1420.5	1477.6	1552.4	1633.6
22.5°	1344.4	1412.9	1490.3	1580.3
25°	1270.8	1345.7	1423.0	1527.0
27.5°	1198.6	1272.1	1358.4	1463.6
30°	1126.3	1193.5	1286.1	1398.9
32.5°	1048.9	1118.7	1216.3	1331.7
35°	977.9	1047.6	1138.9	1253.1
37.5°	901.8	976.6	1064.1	1182.1
40°	813.0	900.5	985.5	1098.4
42.5°	739.4	832.0	914.5	1021.0
45°	681.1	768.6	837.1	941.1
47.5°	626.5	697.6	767.3	863.7
50°	574.5	629.1	701.4	787.6
52.5°	521.3	568.2	630.4	711.5
55°	473.1	517.5	573.3	635.4
57.5°	428.7	460.4	516.2	572.0
60°	379.2	412.2	455.3	502.3
62.5°	337.4	362.7	403.3	442.6
65°	293.0	317.1	347.5	384.3
67.5°	252.4	274.0	298.1	327.2
70°	215.6	232.1	249.9	275.2
72.5°	176.3	194.1	210.5	230.8
75°	144.6	152.2	166.1	180.1
77.5°	111.6	121.8	129.4	140.8
80°	79.9	88.8	91.3	100.2
82.5°	53.3	58.3	63.4	66.0
85°	30.4	33.0	38.0	39.3
87.5°	11.4	12.7	15.2	17.8
90°	11.2	8.9	4.5	1.1
92.5°	38.0	32.4	23.4	16.7
95°	64.7	54.7	43.5	39.1
97.5°	91.5	77.0	64.7	58.0
100°	117.2	99.3	89.3	86.0
102.5°	141.8	123.9	113.9	111.6
105°	165.2	148.5	140.6	136.2
107.5°	189.8	174.1	166.3	163.0
110°	215.4	200.9	194.2	189.8

TEST NUMBER: P1010270

CATALOG NUMBER: S122RDIP-B865D1080UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	240.0	226.6	218.8	214.3
115°	265.7	252.3	245.6	240.0
117.5°	290.2	277.9	271.2	266.8
120°	312.6	302.5	295.8	291.3
122.5°	336.0	324.8	318.1	314.8
125°	358.3	344.9	338.2	334.9
127.5°	379.5	365.0	356.1	351.6
130°	397.4	381.8	370.6	366.1
132.5°	414.1	397.4	385.1	379.5
135°	427.5	410.8	397.4	392.9
137.5°	442.0	424.2	410.8	405.2
140°	455.4	437.6	424.2	419.7
142.5°	467.7	449.8	437.6	434.2
145°	481.1	464.4	453.2	448.7
147.5°	494.5	478.9	467.7	464.4
150°	506.8	492.3	483.3	480.0
152.5°	517.9	505.7	496.7	495.6
155°	530.2	517.9	511.2	510.1
157.5°	540.3	529.1	523.5	522.4
160°	549.2	540.3	535.8	534.7
162.5°	557.0	550.3	545.8	547.0
165°	563.7	557.0	554.8	555.9
167.5°	569.3	564.8	562.6	563.7
170°	573.8	570.4	569.3	571.5
172.5°	577.1	573.8	574.9	576.0
175°	579.3	577.1	578.2	579.3
177.5°	580.5	578.2	579.3	581.6
180°	580.5	580.5	580.5	580.5

(END OF REPORT)