

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: P1010311

Luminaire Tested: S122RDIP-B865D530UB30-4F0-XX-W2A-A1

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1010311
REPORT IS A COMBINATION OF REPORTS P988716 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122RDIP-B865D530UB30-4F0-XX-W2A-A1
Description: Define 2 Regressed Direct/Indirect Pendant with 3000K BioUP LEDs {m-DER=0.589}
{m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

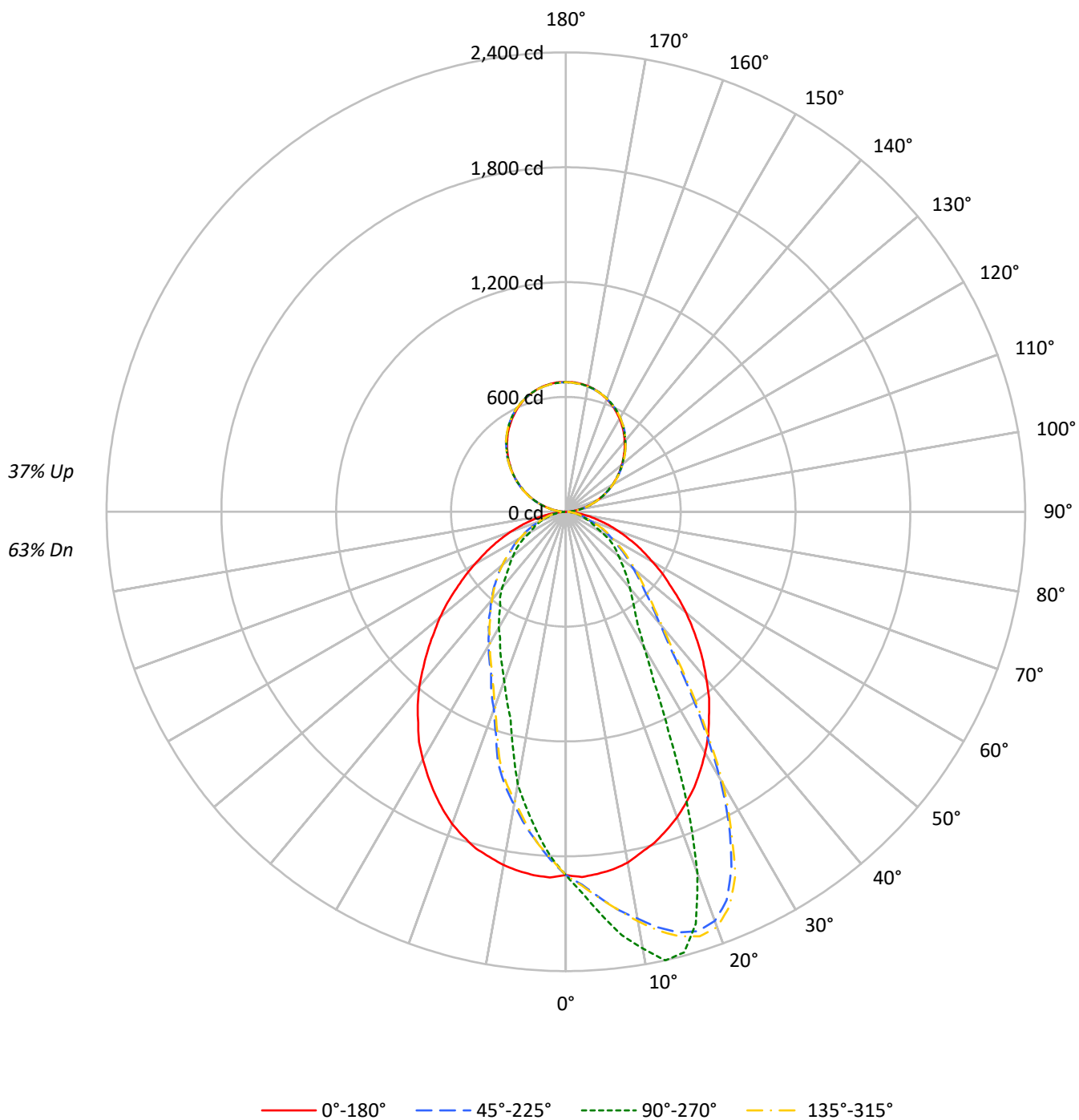
Lumens per Lamp: N/A
Luminaire Lumens: 5175.0 lumens
Efficiency: N/A
Efficacy: 83.2 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 62.2
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	110	110	110	110	104	104	104	104	91	91	91	79	79	79	68	68	68
1	102	98	94	91	95	92	89	86	81	79	77	71	70	68	62	61	60
2	94	87	81	76	88	82	77	72	72	69	65	64	61	58	56	54	52
3	86	77	70	65	81	73	67	62	65	60	56	57	54	51	51	48	45
4	79	69	62	56	74	65	59	54	58	53	49	52	48	45	46	43	40
5	73	62	55	49	69	59	52	47	53	47	43	47	43	39	42	39	36
6	68	56	49	43	64	54	47	42	48	43	38	43	39	35	39	35	32
7	63	51	44	38	60	49	42	37	44	39	34	40	35	32	36	32	29
8	59	47	40	35	56	45	38	33	41	35	31	37	32	29	33	29	27
9	55	43	36	31	52	41	35	30	38	32	28	34	30	26	31	27	24
10	52	40	33	29	49	38	32	28	35	30	26	32	27	24	29	25	22

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	30044	30044	30044	30044
5°	30114	31912	30218	25494
10°	29783	33729	29994	21052
15°	29137	33740	29630	15816
20°	28359	27889	28976	13048
25°	27418	17427	28008	11101
30°	26213	11158	26926	9556
35°	24750	8575	25551	8178
40°	23117	7208	24105	7153
45°	21375	6136	22268	6004
50°	19588	5213	20501	5194
55°	17608	4529	18556	4471
60°	15849	3455	16690	3412
65°	14209	2600	15052	2950
70°	12394	2077	13365	2404
75°	10478	1591	11434	1818
80°	8319	1081	8950	1192
85°	5777	557	6328	590

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 165°

Vertical Angle: 45°

Luminance: 27484 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	180.0	3.5
10°-20°	502.5	9.7
20°-30°	646.7	12.5
30°-40°	613.5	11.9
40°-50°	525.8	10.2
50°-60°	400.4	7.7
60°-70°	252.5	4.9
70°-80°	126.0	2.4
80°-90°	34.3	0.7
90°-100°	41.9	0.8
100°-110°	133.2	2.6
110°-120°	227.8	4.4
120°-130°	299.7	5.8
130°-140°	336.4	6.5
140°-150°	329.9	6.4
150°-160°	276.7	5.3
160°-170°	183.5	3.5
170°-180°	64.1	1.2
0°-30°	1329.3	25.7
0°-40°	1942.8	37.5
0°-60°	2869.1	55.4
0°-90°	3281.9	63.4
90°-120°	402.9	7.8
90°-150°	1368.8	26.4
90°-180°	1893.0	36.6
0°-180°	5175.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1898	1898	1898	1898	1898	
5°	1899	2112	1906	1687	1899	180
15°	1790	2383	1820	1117	1790	504
25°	1588	1272	1622	810	1588	729
35°	1303	626	1345	598	1303	815
45°	979	435	1020	426	979	755
55°	661	302	696	298	661	596
65°	400	157	423	178	400	397
75°	187	83	204	95	187	203
85°	41	24	45	25	41	46
90°	1	19	1	19	1	4
95°	30	35	30	35	30	33
105°	123	127	123	127	123	130
115°	229	229	229	229	229	226
125°	333	334	333	334	333	297
135°	430	435	430	435	430	332
145°	522	528	522	528	522	326
155°	597	602	597	602	597	275
165°	650	650	650	650	650	183
175°	676	674	676	674	676	64
180°	677	677	677	677	677	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0
2.5°	1909.9	1917.8	1921.8	1927.0	1938.9	1946.8	1958.7	1961.3	1960.0	1965.3	1950.8
5°	1899.3	1916.5	1932.3	1945.5	1966.6	1979.8	1994.3	2011.4	2015.4	2035.2	2023.3
7.5°	1884.8	1909.9	1932.3	1958.7	1990.3	2007.5	2029.9	2056.3	2068.2	2091.9	2098.5
10°	1861.1	1896.7	1934.9	1962.6	2006.2	2036.5	2057.6	2099.8	2127.5	2163.1	2157.9
12.5°	1822.8	1869.0	1920.4	1966.6	2023.3	2043.1	2082.7	2126.2	2161.8	2194.8	2223.8
15°	1789.9	1842.6	1899.3	1956.0	2020.7	2057.6	2097.2	2153.9	2192.1	2250.2	2275.2
17.5°	1745.0	1812.3	1879.5	1942.9	2019.4	2061.6	2110.4	2165.8	2222.5	2277.9	2297.7
20°	1698.8	1771.4	1843.9	1929.7	2016.7	2057.6	2107.7	2176.3	2231.7	2275.2	2275.2
22.5°	1643.4	1731.8	1814.9	1896.7	1991.7	2051.0	2102.5	2182.9	2222.5	2231.7	2196.1
25°	1588.1	1676.4	1767.4	1869.0	1977.2	2029.9	2087.9	2163.1	2176.3	2139.4	2047.1
27.5°	1522.1	1621.0	1723.9	1833.4	1946.8	2012.8	2065.5	2115.6	2090.6	1991.7	1847.9
30°	1454.8	1561.7	1677.7	1781.9	1919.1	1979.8	2024.6	2039.1	1960.0	1799.1	1613.1
32.5°	1384.9	1489.1	1611.8	1737.1	1875.6	1933.6	1962.6	1924.4	1779.3	1576.2	1349.3
35°	1303.2	1420.5	1548.5	1679.1	1816.2	1859.8	1876.9	1783.3	1597.3	1334.8	1109.3
37.5°	1229.3	1346.7	1483.9	1617.1	1750.3	1774.0	1756.9	1610.5	1374.4	1114.5	894.3
40°	1142.2	1267.5	1402.1	1551.1	1660.6	1667.2	1625.0	1435.0	1142.2	898.2	762.4
42.5°	1061.8	1188.4	1322.9	1474.6	1557.7	1535.3	1478.6	1229.3	953.6	774.2	664.8
45°	978.7	1098.7	1243.8	1378.3	1437.7	1384.9	1299.2	1034.1	800.6	666.1	581.7
47.5°	898.2	1010.3	1154.1	1283.4	1293.9	1234.6	1133.0	866.6	693.8	585.6	517.0
50°	819.1	931.2	1065.7	1172.6	1162.0	1080.2	965.5	753.1	602.8	517.0	460.3
52.5°	739.9	841.5	972.1	1056.5	1011.7	932.5	819.1	638.4	526.3	451.1	407.6
55°	660.8	755.8	867.9	937.8	866.6	775.6	695.1	547.4	456.4	395.7	362.7
57.5°	594.9	670.0	772.9	815.1	729.4	658.2	588.3	470.9	395.7	352.2	313.9
60°	522.3	590.9	675.3	700.4	612.0	554.0	494.6	398.3	339.0	300.7	275.7
62.5°	460.3	517.0	581.7	581.7	503.9	460.3	415.5	333.7	284.9	254.6	242.7
65°	399.7	440.5	486.7	481.4	415.5	377.2	341.6	275.7	238.7	217.6	205.8
67.5°	340.3	372.0	402.3	383.8	336.3	303.4	270.4	222.9	197.8	183.3	167.5
70°	286.2	311.3	327.1	310.0	262.5	234.8	211.0	179.4	159.6	141.1	131.9
72.5°	240.1	250.6	255.9	234.8	195.2	179.4	162.2	139.8	122.7	113.4	110.8
75°	187.3	196.5	192.6	176.7	143.8	131.9	118.7	102.9	98.9	93.6	91.0
77.5°	146.4	146.4	139.8	125.3	102.9	93.6	88.4	80.5	76.5	75.2	72.5
80°	104.2	102.9	98.9	83.1	69.9	64.6	64.6	59.4	58.0	55.4	55.4
82.5°	68.6	68.6	63.3	50.1	46.2	44.8	43.5	40.9	40.9	39.6	39.6
85°	40.9	38.3	31.7	27.7	26.4	26.4	25.1	23.7	25.1	23.7	23.7
87.5°	18.5	14.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
90°	0.6	2.1	3.6	5.1	6.6	7.4	8.8	11.6	14.4	17.2	20.0
92.5°	12.6	13.6	14.6	15.6	16.6	17.1	17.2	17.3	17.4	17.6	17.7
95°	29.7	31.0	32.2	33.5	34.8	35.4	35.5	35.8	36.1	36.3	36.6
97.5°	49.7	50.9	52.0	53.2	54.3	54.9	55.1	55.6	56.1	56.6	57.1
100°	72.6	73.6	74.6	75.6	76.6	77.1	77.3	77.7	78.1	78.5	78.9
102.5°	96.6	97.4	98.1	98.9	99.6	100.0	100.3	100.8	101.3	101.8	102.3
105°	122.9	123.3	123.7	124.0	124.4	124.6	124.7	125.0	125.2	125.5	125.7
107.5°	149.1	149.6	150.1	150.6	151.1	151.4	151.4	151.4	151.4	151.4	151.4
110°	174.3	175.1	175.8	176.6	177.3	177.7	177.7	177.7	177.7	177.7	177.7

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	201.7	202.5	203.2	204.0	204.7	205.1	205.0	204.9	204.8	204.7	204.6
115°	228.6	229.4	230.1	230.9	231.6	232.0	231.9	231.6	231.3	231.1	230.8
117.5°	255.4	256.4	257.4	258.5	259.5	260.0	259.7	259.0	258.4	257.7	257.1
120°	282.3	283.3	284.3	285.3	286.3	286.8	286.3	285.3	284.3	283.3	282.3
122.5°	306.8	308.1	309.4	310.7	312.0	312.6	312.3	311.6	311.0	310.3	309.7
125°	332.6	333.7	334.9	336.0	337.1	337.7	337.5	337.1	336.8	336.4	336.0
127.5°	357.7	359.1	360.5	361.9	363.3	364.0	363.7	363.2	362.7	362.2	361.7
130°	381.1	382.8	384.4	386.1	387.8	388.6	388.5	388.2	387.9	387.7	387.4
132.5°	407.4	408.7	409.9	411.2	412.5	413.1	413.2	413.3	413.4	413.6	413.7
135°	430.3	431.7	433.1	434.5	435.9	436.6	436.7	437.0	437.2	437.5	437.7
137.5°	455.4	456.5	457.7	458.8	459.9	460.5	460.6	460.9	461.2	461.4	461.7
140°	477.7	478.8	480.0	481.1	482.2	482.8	483.1	483.8	484.4	485.1	485.7
142.5°	500.5	501.7	502.8	504.0	505.1	505.7	505.9	506.3	506.6	507.0	507.4
145°	522.3	523.2	524.1	525.0	525.9	526.3	526.7	527.4	528.2	528.9	529.7
147.5°	541.7	542.8	544.0	545.1	546.2	546.8	547.1	547.6	548.1	548.6	549.1
150°	561.7	562.5	563.2	564.0	564.7	565.1	565.4	565.9	566.4	566.9	567.4
152.5°	579.4	580.2	580.9	581.7	582.4	582.8	583.1	583.8	584.4	585.1	585.7
155°	597.1	597.5	597.9	598.2	598.6	598.8	599.0	599.4	599.7	600.1	600.5
157.5°	612.5	612.8	613.0	613.3	613.6	613.7	613.8	614.1	614.3	614.6	614.8
160°	626.3	626.5	626.8	627.0	627.3	627.4	627.5	627.6	627.7	627.9	628.0
162.5°	638.8	638.8	638.8	638.8	638.8	638.8	638.9	639.0	639.1	639.3	639.4
165°	649.7	649.6	649.4	649.3	649.2	649.1	649.1	649.1	649.1	649.1	649.1
167.5°	659.4	659.0	658.6	658.3	657.9	657.7	657.7	657.7	657.7	657.7	657.7
170°	666.8	666.4	666.0	665.7	665.3	665.1	665.0	664.9	664.8	664.6	664.5
172.5°	672.0	671.6	671.2	670.9	670.5	670.3	670.2	670.1	670.0	669.8	669.7
175°	676.0	675.6	675.2	674.9	674.5	674.3	674.2	673.9	673.6	673.4	673.1
177.5°	678.3	677.9	677.5	677.1	676.7	676.5	676.4	676.1	675.9	675.6	675.4
180°	677.1	677.1	677.1	677.1	677.1	677.1	677.1	677.1	677.1	677.1	677.1

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0
2.5°	1965.3	1967.9	1971.9	1990.3	1993.0	1998.3	1995.6	1995.6	1996.9	1994.3	1995.6
5°	2049.7	2053.7	2073.4	2095.9	2101.1	2095.9	2102.5	2111.7	2111.7	2111.7	2109.0
7.5°	2128.8	2143.3	2165.8	2198.7	2205.3	2211.9	2223.8	2215.9	2218.5	2230.4	2226.4
10°	2205.3	2226.4	2251.5	2279.2	2293.7	2302.9	2308.2	2320.1	2347.8	2316.1	2328.0
12.5°	2277.9	2308.2	2334.6	2364.9	2375.5	2387.4	2391.3	2401.9	2401.9	2400.5	2409.8
15°	2325.4	2353.1	2376.8	2396.6	2399.2	2396.6	2393.9	2395.3	2399.2	2383.4	2392.6
17.5°	2335.9	2338.6	2346.5	2338.6	2339.9	2312.2	2296.3	2292.4	2255.5	2256.8	2287.1
20°	2284.5	2239.6	2227.8	2184.2	2157.9	2086.6	2084.0	2064.2	1986.4	2010.1	2004.8
22.5°	2143.3	2066.8	1965.3	1915.2	1890.1	1814.9	1756.9	1716.0	1688.3	1660.6	1648.7
25°	1957.4	1833.4	1689.6	1590.7	1576.2	1506.3	1399.4	1349.3	1290.0	1271.5	1303.2
27.5°	1717.3	1556.4	1394.2	1242.5	1214.8	1151.5	1097.4	1061.8	993.2	989.2	991.9
30°	1391.5	1229.3	1093.4	994.5	925.9	896.9	861.3	834.9	807.2	817.8	820.4
32.5°	1143.6	989.2	862.6	809.9	778.2	759.7	729.4	712.2	700.4	696.4	695.1
35°	908.8	805.9	749.2	697.7	679.3	666.1	643.7	635.7	625.2	626.5	626.5
37.5°	778.2	692.5	650.3	623.9	606.7	600.1	585.6	577.7	571.1	568.5	572.4
40°	671.4	612.0	585.6	561.9	547.4	544.7	536.8	527.6	519.7	521.0	525.0
42.5°	593.5	559.2	527.6	509.1	498.6	494.6	488.0	481.4	481.4	477.5	476.2
45°	531.5	503.9	477.5	460.3	453.7	448.5	440.5	439.2	433.9	435.3	436.6
47.5°	476.2	453.7	433.9	416.8	410.2	408.9	401.0	395.7	395.7	394.4	393.1
50°	426.0	403.6	386.5	377.2	368.0	365.4	364.0	362.7	360.1	360.1	361.4
52.5°	385.1	362.7	349.5	341.6	336.3	333.7	333.7	332.4	332.4	332.4	331.1
55°	340.3	321.8	311.3	308.6	306.0	304.7	303.4	300.7	299.4	302.0	299.4
57.5°	298.1	291.5	282.3	279.6	273.0	273.0	269.1	266.4	263.8	266.4	266.4
60°	265.1	255.9	250.6	242.7	237.4	232.1	225.5	224.2	221.6	220.3	219.0
62.5°	230.8	222.9	209.7	197.8	189.9	184.7	182.0	180.7	180.7	179.4	179.4
65°	192.6	174.1	167.5	163.6	162.2	160.9	158.3	157.0	158.3	157.0	158.3
67.5°	150.4	147.7	143.8	141.1	139.8	138.5	138.5	137.2	137.2	137.2	137.2
70°	130.6	124.0	122.7	120.0	120.0	118.7	118.7	118.7	118.7	117.4	120.0
72.5°	108.2	104.2	102.9	101.6	101.6	101.6	100.2	100.2	100.2	98.9	100.2
75°	88.4	87.1	84.4	84.4	83.1	84.4	83.1	83.1	81.8	83.1	83.1
77.5°	71.2	69.9	68.6	68.6	67.3	67.3	67.3	67.3	67.3	67.3	68.6
80°	54.1	52.8	51.4	52.8	51.4	52.8	51.4	51.4	52.8	51.4	51.4
82.5°	39.6	38.3	38.3	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
85°	23.7	22.4	22.4	23.7	22.4	23.7	22.4	22.4	22.4	23.7	23.7
87.5°	10.6	11.9	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	11.9
90°	19.8	19.5	19.3	19.0	18.9	19.0	19.1	19.2	19.3	19.4	19.3
92.5°	17.8	18.0	18.1	18.2	18.3	18.3	18.3	18.3	18.3	18.3	18.3
95°	36.6	36.6	36.6	36.6	36.6	36.5	36.2	35.9	35.7	35.4	35.7
97.5°	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
100°	78.9	78.9	78.9	78.9	78.9	78.8	78.7	78.6	78.4	78.3	78.4
102.5°	102.4	102.6	102.7	102.8	102.9	102.8	102.7	102.6	102.4	102.3	102.4
105°	126.0	126.2	126.5	126.8	126.9	126.9	126.9	126.9	126.9	126.9	126.9
107.5°	151.5	151.7	151.8	151.9	152.0	151.7	151.0	150.4	149.7	149.1	149.7
110°	177.7	177.7	177.7	177.7	177.7	177.5	177.1	176.8	176.4	176.0	176.4

TEST NUMBER: P1010311

CATALOG NUMBER: S122RDIP-B865D530UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	204.2	203.8	203.4	203.0	202.8	202.7	202.4	202.2	201.9	201.7	201.9
115°	230.7	230.6	230.5	230.4	230.3	230.1	229.7	229.4	229.0	228.6	229.0
117.5°	256.7	256.3	256.0	255.6	255.4	255.2	254.8	254.5	254.1	253.7	254.1
120°	282.3	282.3	282.3	282.3	282.3	282.1	281.7	281.4	281.0	280.6	281.0
122.5°	309.3	308.9	308.6	308.2	308.0	307.9	307.6	307.3	307.1	306.8	307.1
125°	335.6	335.2	334.9	334.5	334.3	334.2	334.1	334.0	333.8	333.7	333.8
127.5°	361.2	360.7	360.2	359.7	359.4	359.2	358.8	358.5	358.1	357.7	358.1
130°	387.2	386.9	386.7	386.4	386.3	386.0	385.5	385.0	384.5	384.0	384.5
132.5°	413.1	412.4	411.8	411.1	410.8	410.6	410.2	409.9	409.5	409.1	409.5
135°	437.6	437.4	437.3	437.2	437.1	436.9	436.5	436.2	435.8	435.4	435.8
137.5°	461.6	461.4	461.3	461.2	461.1	460.8	460.3	459.8	459.3	458.8	459.3
140°	485.7	485.7	485.7	485.7	485.7	485.4	484.9	484.4	483.9	483.4	483.9
142.5°	507.5	507.7	507.8	507.9	508.0	507.7	507.2	506.7	506.2	505.7	506.2
145°	529.8	530.0	530.1	530.2	530.3	530.0	529.5	529.0	528.5	528.0	528.5
147.5°	549.4	549.6	549.9	550.2	550.3	550.0	549.5	549.0	548.5	548.0	548.5
150°	567.8	568.2	568.5	568.9	569.1	568.9	568.5	568.2	567.8	567.4	567.8
152.5°	586.2	586.7	587.2	587.7	588.0	587.7	587.2	586.7	586.2	585.7	586.2
155°	601.1	601.8	602.4	603.1	603.4	603.2	602.8	602.5	602.1	601.7	602.1
157.5°	615.7	616.6	617.5	618.4	618.8	618.5	617.9	617.2	616.6	616.0	616.6
160°	628.8	629.5	630.3	631.0	631.4	631.1	630.6	630.1	629.6	629.1	629.6
162.5°	640.3	641.2	642.1	643.0	643.4	643.1	642.4	641.8	641.1	640.5	641.1
165°	650.0	650.9	651.8	652.7	653.1	652.8	652.2	651.5	650.9	650.3	650.9
167.5°	658.6	659.5	660.4	661.3	661.7	661.4	660.7	660.1	659.4	658.8	659.4
170°	665.4	666.3	667.2	668.1	668.5	668.1	667.4	666.6	665.9	665.1	665.9
172.5°	670.6	671.5	672.4	673.3	673.7	673.3	672.6	671.8	671.1	670.3	671.1
175°	674.0	674.9	675.8	676.7	677.1	676.7	676.0	675.2	674.5	673.7	674.5
177.5°	676.2	676.9	677.7	678.4	678.8	678.4	677.7	676.9	676.2	675.4	676.2
180°	677.1	677.1	677.1	677.1	677.1	677.1	677.1	677.1	677.1	677.1	677.1

TEST NUMBER: P1010311

CATALOG NUMBER: S122RDIP-B865D530UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0
2.5°	2000.9	1991.7	1989.0	1991.7	1989.0	1990.3	1981.1	1946.8	1956.0	1941.5	1949.5
5°	2114.3	2106.4	2089.3	2086.6	2084.0	2081.4	2068.2	2037.8	2026.0	2006.2	2004.8
7.5°	2222.5	2222.5	2209.3	2200.1	2188.2	2179.0	2161.8	2117.0	2098.5	2074.8	2061.6
10°	2329.3	2295.0	2309.5	2300.3	2271.3	2266.0	2234.4	2208.0	2172.4	2148.6	2127.5
12.5°	2405.8	2395.3	2382.1	2374.2	2366.2	2349.1	2328.0	2260.7	2242.3	2194.8	2171.0
15°	2403.2	2396.6	2400.5	2400.5	2397.9	2393.9	2376.8	2328.0	2296.3	2250.2	2209.3
17.5°	2273.9	2291.1	2308.2	2320.1	2346.5	2358.3	2374.2	2345.1	2325.4	2285.8	2242.3
20°	2048.4	2090.6	2140.7	2151.3	2175.0	2244.9	2276.6	2301.6	2309.5	2296.3	2260.7
22.5°	1734.5	1770.1	1891.4	1888.8	1923.1	2006.2	2098.5	2173.7	2233.0	2266.0	2252.8
25°	1358.5	1408.7	1473.3	1522.1	1634.2	1758.2	1873.0	1993.0	2095.9	2186.9	2209.3
27.5°	1027.5	1093.4	1144.9	1209.5	1266.2	1412.6	1560.4	1747.6	1867.7	2040.5	2130.2
30°	831.0	861.3	912.7	943.1	970.8	1082.9	1250.4	1435.0	1646.1	1845.3	1999.6
32.5°	709.6	730.7	769.0	782.2	811.2	886.4	991.9	1160.7	1378.3	1619.7	1822.8
35°	637.1	659.5	667.4	679.3	703.0	750.5	823.0	945.7	1142.2	1378.3	1621.0
37.5°	575.1	586.9	609.4	617.3	625.2	660.8	709.6	795.3	925.9	1119.8	1388.9
40°	531.5	538.1	550.0	556.6	561.9	586.9	630.5	688.5	784.8	932.5	1180.5
42.5°	485.4	493.3	501.2	509.1	515.7	535.5	561.9	617.3	681.9	794.0	973.4
45°	440.5	445.8	455.0	460.3	469.6	485.4	509.1	547.4	605.4	676.6	821.7
47.5°	399.7	406.2	410.2	416.8	423.4	440.5	463.0	488.0	535.5	605.4	710.9
50°	362.7	370.6	375.9	377.2	382.5	398.3	416.8	444.5	474.8	528.9	621.2
52.5°	336.3	337.7	341.6	346.9	345.6	354.8	372.0	393.1	424.7	468.2	535.5
55°	306.0	310.0	312.6	313.9	313.9	321.8	331.1	350.8	375.9	411.5	468.2
57.5°	267.8	271.7	279.6	282.3	286.2	290.2	294.1	307.3	328.4	362.7	408.9
60°	228.2	230.8	238.7	244.0	246.6	257.2	262.5	273.0	284.9	310.0	353.5
62.5°	183.3	186.0	189.9	195.2	200.5	216.3	229.5	240.1	249.3	266.4	302.0
65°	159.6	160.9	163.6	164.9	166.2	172.8	184.7	199.2	216.3	229.5	250.6
67.5°	138.5	139.8	141.1	143.8	145.1	146.4	151.7	155.6	172.8	191.3	207.1
70°	118.7	121.3	122.7	122.7	124.0	126.6	129.3	134.5	139.8	149.0	168.8
72.5°	100.2	101.6	104.2	104.2	104.2	106.8	109.5	112.1	114.8	120.0	127.9
75°	83.1	85.7	85.7	85.7	87.1	87.1	89.7	92.3	95.0	98.9	101.6
77.5°	68.6	68.6	68.6	68.6	69.9	69.9	71.2	73.9	75.2	76.5	79.1
80°	51.4	52.8	52.8	52.8	54.1	54.1	54.1	56.7	58.0	58.0	60.7
82.5°	38.3	38.3	38.3	39.6	38.3	39.6	39.6	40.9	39.6	40.9	42.2
85°	23.7	23.7	23.7	25.1	25.1	25.1	25.1	25.1	25.1	25.1	26.4
87.5°	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	13.2	11.9	11.9
90°	19.2	19.1	19.0	18.9	19.0	19.3	19.5	19.8	20.0	17.2	14.4
92.5°	18.3	18.3	18.3	18.3	18.2	18.1	18.0	17.8	17.7	17.6	17.4
95°	35.9	36.2	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.3	36.1
97.5°	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	56.6	56.1
100°	78.6	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.5	78.1
102.5°	102.6	102.7	102.8	102.9	102.8	102.7	102.6	102.4	102.3	101.8	101.3
105°	126.9	126.9	126.9	126.9	126.8	126.5	126.2	126.0	125.7	125.5	125.2
107.5°	150.4	151.0	151.7	152.0	151.9	151.8	151.7	151.5	151.4	151.4	151.4
110°	176.8	177.1	177.5	177.7	177.7	177.7	177.7	177.7	177.7	177.7	177.7

TEST NUMBER: P1010311

CATALOG NUMBER: S122RDIP-B865D530UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	202.2	202.4	202.7	202.8	203.0	203.4	203.8	204.2	204.6	204.7	204.8
115°	229.4	229.7	230.1	230.3	230.4	230.5	230.6	230.7	230.8	231.1	231.3
117.5°	254.5	254.8	255.2	255.4	255.6	256.0	256.3	256.7	257.1	257.7	258.4
120°	281.4	281.7	282.1	282.3	282.3	282.3	282.3	282.3	282.3	283.3	284.3
122.5°	307.3	307.6	307.9	308.0	308.2	308.6	308.9	309.3	309.7	310.3	311.0
125°	334.0	334.1	334.2	334.3	334.5	334.9	335.2	335.6	336.0	336.4	336.8
127.5°	358.5	358.8	359.2	359.4	359.7	360.2	360.7	361.2	361.7	362.2	362.7
130°	385.0	385.5	386.0	386.3	386.4	386.7	386.9	387.2	387.4	387.7	387.9
132.5°	409.9	410.2	410.6	410.8	411.1	411.8	412.4	413.1	413.7	413.6	413.4
135°	436.2	436.5	436.9	437.1	437.2	437.3	437.4	437.6	437.7	437.5	437.2
137.5°	459.8	460.3	460.8	461.1	461.2	461.3	461.4	461.6	461.7	461.4	461.2
140°	484.4	484.9	485.4	485.7	485.7	485.7	485.7	485.7	485.7	485.1	484.4
142.5°	506.7	507.2	507.7	508.0	507.9	507.8	507.7	507.5	507.4	507.0	506.6
145°	529.0	529.5	530.0	530.3	530.2	530.1	530.0	529.8	529.7	528.9	528.2
147.5°	549.0	549.5	550.0	550.3	550.2	549.9	549.6	549.4	549.1	548.6	548.1
150°	568.2	568.5	568.9	569.1	568.9	568.5	568.2	567.8	567.4	566.9	566.4
152.5°	586.7	587.2	587.7	588.0	587.7	587.2	586.7	586.2	585.7	585.1	584.4
155°	602.5	602.8	603.2	603.4	603.1	602.4	601.8	601.1	600.5	600.1	599.7
157.5°	617.2	617.9	618.5	618.8	618.4	617.5	616.6	615.7	614.8	614.6	614.3
160°	630.1	630.6	631.1	631.4	631.0	630.3	629.5	628.8	628.0	627.9	627.7
162.5°	641.8	642.4	643.1	643.4	643.0	642.1	641.2	640.3	639.4	639.3	639.1
165°	651.5	652.2	652.8	653.1	652.7	651.8	650.9	650.0	649.1	649.1	649.1
167.5°	660.1	660.7	661.4	661.7	661.3	660.4	659.5	658.6	657.7	657.7	657.7
170°	666.6	667.4	668.1	668.5	668.1	667.2	666.3	665.4	664.5	664.6	664.8
172.5°	671.8	672.6	673.3	673.7	673.3	672.4	671.5	670.6	669.7	669.8	670.0
175°	675.2	676.0	676.7	677.1	676.7	675.8	674.9	674.0	673.1	673.4	673.6
177.5°	676.9	677.7	678.4	678.8	678.4	677.7	676.9	676.2	675.4	675.6	675.9
180°	677.1	677.1	677.1	677.1	677.1	677.1	677.1	677.1	677.1	677.1	677.1

TEST NUMBER: P1010311

CATALOG NUMBER: S122RDIP-B865D530UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0
2.5°	1937.6	1931.0	1931.0	1927.0	1927.0	1905.9	1905.9	1912.5	1904.6	1895.4	1882.2
5°	1987.7	1973.2	1969.2	1964.0	1946.8	1920.4	1909.9	1905.9	1890.1	1870.3	1847.9
7.5°	2035.2	2011.4	1999.6	1987.7	1965.3	1928.3	1907.2	1892.7	1869.0	1838.7	1809.6
10°	2081.4	2051.0	2020.7	2006.2	1974.5	1928.3	1898.0	1874.3	1840.0	1799.1	1758.2
12.5°	2123.6	2060.2	2055.0	2026.0	1979.8	1927.0	1880.9	1846.6	1803.0	1755.6	1708.1
15°	2160.5	2095.9	2064.2	2037.8	1977.2	1911.2	1862.4	1820.2	1762.2	1708.1	1650.0
17.5°	2179.0	2109.0	2087.9	2044.4	1982.4	1896.7	1830.7	1779.3	1716.0	1651.4	1585.4
20°	2197.4	2115.6	2081.4	2051.0	1966.6	1869.0	1795.1	1735.8	1665.9	1589.4	1516.8
22.5°	2206.7	2115.6	2074.8	2032.5	1950.8	1838.7	1751.6	1681.7	1599.9	1522.1	1435.0
25°	2190.8	2107.7	2058.9	2015.4	1923.1	1801.7	1701.5	1622.3	1535.3	1446.9	1358.5
27.5°	2151.3	2089.3	2032.5	1987.7	1884.8	1754.2	1648.7	1559.0	1469.3	1370.4	1280.7
30°	2077.4	2049.7	2004.8	1954.7	1842.6	1712.0	1586.7	1494.4	1395.5	1296.6	1202.9
32.5°	1962.6	1986.4	1957.4	1913.8	1792.5	1654.0	1520.8	1427.1	1319.0	1212.1	1126.4
35°	1822.8	1907.2	1891.4	1861.1	1739.7	1592.0	1458.8	1345.4	1237.2	1129.0	1043.3
37.5°	1669.8	1797.8	1811.0	1792.5	1679.1	1528.7	1382.3	1271.5	1160.7	1051.2	964.2
40°	1460.1	1656.6	1698.8	1706.8	1615.8	1452.2	1299.2	1191.0	1081.6	974.7	869.2
42.5°	1267.5	1515.5	1568.3	1601.2	1535.3	1377.0	1222.7	1102.7	994.5	898.2	792.7
45°	1086.8	1345.4	1431.1	1473.3	1444.3	1291.3	1131.7	1019.6	920.6	832.3	730.7
47.5°	900.9	1160.7	1280.7	1348.0	1348.0	1204.2	1044.6	933.8	838.9	763.7	674.0
50°	776.9	993.2	1117.2	1205.5	1229.3	1115.9	965.5	857.3	767.6	685.9	617.3
52.5°	662.1	856.0	958.9	1051.2	1119.8	1020.9	877.1	779.5	691.1	614.6	560.6
55°	572.4	717.5	811.2	912.7	989.2	924.6	791.4	696.4	619.9	556.6	510.4
57.5°	486.7	613.3	689.8	779.5	861.3	812.5	705.7	623.9	556.6	501.2	460.3
60°	414.2	517.0	576.4	646.3	747.9	713.6	625.2	550.0	495.9	445.8	411.5
62.5°	352.2	433.9	484.1	534.2	626.5	610.7	542.1	484.1	437.9	395.7	366.7
65°	288.9	356.1	395.7	439.2	513.1	519.7	464.3	423.4	381.2	344.3	317.9
67.5°	233.5	286.2	321.8	358.8	418.1	436.6	398.3	364.0	328.4	298.1	274.3
70°	188.6	225.5	251.9	280.9	329.7	352.2	332.4	308.6	279.6	254.6	233.5
72.5°	149.0	172.8	188.6	211.0	250.6	273.0	271.7	250.6	229.5	212.4	195.2
75°	109.5	127.9	141.1	155.6	187.3	208.4	213.7	204.4	183.3	170.1	157.0
77.5°	83.1	93.6	100.2	110.8	133.2	151.7	159.6	157.0	142.4	131.9	122.7
80°	63.3	65.9	68.6	72.5	91.0	108.2	113.4	112.1	104.2	100.2	89.7
82.5°	44.8	46.2	47.5	48.8	55.4	69.9	75.2	77.8	71.2	67.3	58.0
85°	26.4	27.7	27.7	30.3	31.7	35.6	44.8	44.8	43.5	38.3	36.9
87.5°	13.2	13.2	11.9	11.9	13.2	14.5	17.1	19.8	17.1	15.8	14.5
90°	11.6	8.8	7.4	6.6	5.1	3.6	2.1	0.6	2.1	3.6	5.1
92.5°	17.3	17.2	17.1	16.6	15.6	14.6	13.6	12.6	13.6	14.6	15.6
95°	35.8	35.5	35.4	34.8	33.5	32.2	31.0	29.7	31.0	32.2	33.5
97.5°	55.6	55.1	54.9	54.3	53.2	52.0	50.9	49.7	50.9	52.0	53.2
100°	77.7	77.3	77.1	76.6	75.6	74.6	73.6	72.6	73.6	74.6	75.6
102.5°	100.8	100.3	100.0	99.6	98.9	98.1	97.4	96.6	97.4	98.1	98.9
105°	125.0	124.7	124.6	124.4	124.0	123.7	123.3	122.9	123.3	123.7	124.0
107.5°	151.4	151.4	151.4	151.1	150.6	150.1	149.6	149.1	149.6	150.1	150.6
110°	177.7	177.7	177.7	177.3	176.6	175.8	175.1	174.3	175.1	175.8	176.6

TEST NUMBER: P1010311

CATALOG NUMBER: S122RDIP-B865D530UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	204.9	205.0	205.1	204.7	204.0	203.2	202.5	201.7	202.5	203.2	204.0
115°	231.6	231.9	232.0	231.6	230.9	230.1	229.4	228.6	229.4	230.1	230.9
117.5°	259.0	259.7	260.0	259.5	258.5	257.4	256.4	255.4	256.4	257.4	258.5
120°	285.3	286.3	286.8	286.3	285.3	284.3	283.3	282.3	283.3	284.3	285.3
122.5°	311.6	312.3	312.6	312.0	310.7	309.4	308.1	306.8	308.1	309.4	310.7
125°	337.1	337.5	337.7	337.1	336.0	334.9	333.7	332.6	333.7	334.9	336.0
127.5°	363.2	363.7	364.0	363.3	361.9	360.5	359.1	357.7	359.1	360.5	361.9
130°	388.2	388.5	388.6	387.8	386.1	384.4	382.8	381.1	382.8	384.4	386.1
132.5°	413.3	413.2	413.1	412.5	411.2	409.9	408.7	407.4	408.7	409.9	411.2
135°	437.0	436.7	436.6	435.9	434.5	433.1	431.7	430.3	431.7	433.1	434.5
137.5°	460.9	460.6	460.5	459.9	458.8	457.7	456.5	455.4	456.5	457.7	458.8
140°	483.8	483.1	482.8	482.2	481.1	480.0	478.8	477.7	478.8	480.0	481.1
142.5°	506.3	505.9	505.7	505.1	504.0	502.8	501.7	500.5	501.7	502.8	504.0
145°	527.4	526.7	526.3	525.9	525.0	524.1	523.2	522.3	523.2	524.1	525.0
147.5°	547.6	547.1	546.8	546.2	545.1	544.0	542.8	541.7	542.8	544.0	545.1
150°	565.9	565.4	565.1	564.7	564.0	563.2	562.5	561.7	562.5	563.2	564.0
152.5°	583.8	583.1	582.8	582.4	581.7	580.9	580.2	579.4	580.2	580.9	581.7
155°	599.4	599.0	598.8	598.6	598.2	597.9	597.5	597.1	597.5	597.9	598.2
157.5°	614.1	613.8	613.7	613.6	613.3	613.0	612.8	612.5	612.8	613.0	613.3
160°	627.6	627.5	627.4	627.3	627.0	626.8	626.5	626.3	626.5	626.8	627.0
162.5°	639.0	638.9	638.8	638.8	638.8	638.8	638.8	638.8	638.8	638.8	638.8
165°	649.1	649.1	649.1	649.2	649.3	649.4	649.6	649.7	649.6	649.4	649.3
167.5°	657.7	657.7	657.7	657.9	658.3	658.6	659.0	659.4	659.0	658.6	658.3
170°	664.9	665.0	665.1	665.3	665.7	666.0	666.4	666.8	666.4	666.0	665.7
172.5°	670.1	670.2	670.3	670.5	670.9	671.2	671.6	672.0	671.6	671.2	670.9
175°	673.9	674.2	674.3	674.5	674.9	675.2	675.6	676.0	675.6	675.2	674.9
177.5°	676.1	676.4	676.5	676.7	677.1	677.5	677.9	678.3	677.9	677.5	677.1
180°	677.1	677.1	677.1	677.1	677.1	677.1	677.1	677.1	677.1	677.1	677.1

TEST NUMBER: P1010311

CATALOG NUMBER: S122RDIP-B865D530UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0
2.5°	1876.9	1878.2	1882.2	1870.3	1851.8	1843.9	1820.2	1816.2	1812.3	1812.3	1816.2
5°	1834.7	1829.4	1830.7	1808.3	1781.9	1766.1	1733.1	1738.4	1721.3	1710.7	1713.4
7.5°	1788.5	1774.0	1772.7	1743.7	1710.7	1681.7	1647.4	1639.5	1623.7	1605.2	1597.3
10°	1730.5	1719.9	1700.2	1667.2	1625.0	1601.2	1555.1	1527.4	1523.4	1495.7	1485.2
12.5°	1671.1	1652.7	1632.9	1586.7	1539.2	1501.0	1466.7	1436.4	1415.3	1391.5	1375.7
15°	1602.6	1580.1	1557.7	1508.9	1453.5	1415.3	1363.8	1319.0	1257.0	1208.2	1180.5
17.5°	1527.4	1502.3	1472.0	1417.9	1363.8	1311.1	1216.1	1163.3	1119.8	1090.8	1073.6
20°	1449.6	1421.9	1391.5	1337.4	1243.8	1151.5	1098.7	1057.8	1031.4	1002.4	981.3
22.5°	1367.8	1338.8	1305.8	1221.4	1122.5	1057.8	1016.9	978.7	940.4	924.6	914.1
25°	1291.3	1264.9	1222.7	1107.9	1030.1	970.8	924.6	899.5	879.8	858.7	838.9
27.5°	1212.1	1163.3	1104.0	1007.7	958.9	898.2	865.3	846.8	812.5	798.0	788.7
30°	1117.2	1063.1	1006.4	937.8	881.1	838.9	808.5	778.2	758.4	743.9	728.1
32.5°	1020.9	969.5	933.8	862.6	820.4	776.9	747.9	729.4	700.4	691.1	684.6
35°	937.8	894.3	862.6	804.6	765.0	725.4	704.3	676.6	658.2	641.0	630.5
37.5°	856.0	832.3	799.3	750.5	708.3	676.6	647.6	638.4	613.3	604.1	593.5
40°	799.3	763.7	736.0	693.8	658.2	623.9	605.4	584.3	567.2	552.7	548.7
42.5°	730.7	704.3	688.5	642.3	605.4	585.6	563.2	539.5	526.3	514.4	499.9
45°	679.3	655.5	633.1	596.2	563.2	538.1	518.4	502.5	480.1	474.8	452.4
47.5°	625.2	601.5	584.3	547.4	517.0	493.3	478.8	457.7	439.2	427.3	416.8
50°	571.1	551.3	535.5	503.9	477.5	452.4	432.6	411.5	403.6	383.8	377.2
52.5°	519.7	506.5	489.3	459.0	432.6	411.5	390.4	373.3	361.4	350.8	342.9
55°	476.2	455.0	447.1	414.2	391.7	369.3	350.8	340.3	325.8	319.2	312.6
57.5°	427.3	415.5	402.3	377.2	352.2	331.1	317.9	302.0	294.1	286.2	280.9
60°	385.1	368.0	357.4	336.3	313.9	294.1	282.3	270.4	259.8	253.2	242.7
62.5°	336.3	323.2	316.6	294.1	275.7	257.2	246.6	234.8	226.9	215.0	201.8
65°	294.1	283.6	275.7	257.2	240.1	222.9	212.4	197.8	187.3	180.7	179.4
67.5°	257.2	249.3	237.4	220.3	203.1	189.9	178.1	166.2	164.9	162.2	162.2
70°	216.3	208.4	201.8	183.3	168.8	154.3	151.7	147.7	143.8	142.4	139.8
72.5°	180.7	174.1	166.2	150.4	135.9	131.9	129.3	126.6	122.7	121.3	120.0
75°	146.4	137.2	131.9	117.4	113.4	110.8	108.2	104.2	101.6	100.2	97.6
77.5°	112.1	102.9	102.9	95.0	92.3	88.4	85.7	83.1	81.8	79.1	79.1
80°	79.1	79.1	76.5	72.5	68.6	67.3	63.3	62.0	60.7	62.0	59.4
82.5°	58.0	52.8	52.8	50.1	47.5	46.2	43.5	43.5	42.2	42.2	42.2
85°	33.0	33.0	31.7	29.0	27.7	27.7	26.4	26.4	25.1	25.1	23.7
87.5°	13.2	11.9	13.2	11.9	11.9	10.6	10.6	10.6	9.2	10.6	9.2
90°	6.6	7.4	8.8	11.6	14.4	17.2	20.0	19.8	19.5	19.3	19.0
92.5°	16.6	17.1	17.2	17.3	17.4	17.6	17.7	17.8	18.0	18.1	18.2
95°	34.8	35.4	35.5	35.8	36.1	36.3	36.6	36.6	36.6	36.6	36.6
97.5°	54.3	54.9	55.1	55.6	56.1	56.6	57.1	57.1	57.1	57.1	57.1
100°	76.6	77.1	77.3	77.7	78.1	78.5	78.9	78.9	78.9	78.9	78.9
102.5°	99.6	100.0	100.3	100.8	101.3	101.8	102.3	102.4	102.6	102.7	102.8
105°	124.4	124.6	124.7	125.0	125.2	125.5	125.7	126.0	126.2	126.5	126.8
107.5°	151.1	151.4	151.4	151.4	151.4	151.4	151.4	151.5	151.7	151.8	151.9
110°	177.3	177.7	177.7	177.7	177.7	177.7	177.7	177.7	177.7	177.7	177.7

TEST NUMBER: P1010311

CATALOG NUMBER: S122RDIP-B865D530UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	204.7	205.1	205.0	204.9	204.8	204.7	204.6	204.2	203.8	203.4	203.0
115°	231.6	232.0	231.9	231.6	231.3	231.1	230.8	230.7	230.6	230.5	230.4
117.5°	259.5	260.0	259.7	259.0	258.4	257.7	257.1	256.7	256.3	256.0	255.6
120°	286.3	286.8	286.3	285.3	284.3	283.3	282.3	282.3	282.3	282.3	282.3
122.5°	312.0	312.6	312.3	311.6	311.0	310.3	309.7	309.3	308.9	308.6	308.2
125°	337.1	337.7	337.5	337.1	336.8	336.4	336.0	335.6	335.2	334.9	334.5
127.5°	363.3	364.0	363.7	363.2	362.7	362.2	361.7	361.2	360.7	360.2	359.7
130°	387.8	388.6	388.5	388.2	387.9	387.7	387.4	387.2	386.9	386.7	386.4
132.5°	412.5	413.1	413.2	413.3	413.4	413.6	413.7	413.1	412.4	411.8	411.1
135°	435.9	436.6	436.7	437.0	437.2	437.5	437.7	437.6	437.4	437.3	437.2
137.5°	459.9	460.5	460.6	460.9	461.2	461.4	461.7	461.6	461.4	461.3	461.2
140°	482.2	482.8	483.1	483.8	484.4	485.1	485.7	485.7	485.7	485.7	485.7
142.5°	505.1	505.7	505.9	506.3	506.6	507.0	507.4	507.5	507.7	507.8	507.9
145°	525.9	526.3	526.7	527.4	528.2	528.9	529.7	529.8	530.0	530.1	530.2
147.5°	546.2	546.8	547.1	547.6	548.1	548.6	549.1	549.4	549.6	549.9	550.2
150°	564.7	565.1	565.4	565.9	566.4	566.9	567.4	567.8	568.2	568.5	568.9
152.5°	582.4	582.8	583.1	583.8	584.4	585.1	585.7	586.2	586.7	587.2	587.7
155°	598.6	598.8	599.0	599.4	599.7	600.1	600.5	601.1	601.8	602.4	603.1
157.5°	613.6	613.7	613.8	614.1	614.3	614.6	614.8	615.7	616.6	617.5	618.4
160°	627.3	627.4	627.5	627.6	627.7	627.9	628.0	628.8	629.5	630.3	631.0
162.5°	638.8	638.8	638.9	639.0	639.1	639.3	639.4	640.3	641.2	642.1	643.0
165°	649.2	649.1	649.1	649.1	649.1	649.1	649.1	650.0	650.9	651.8	652.7
167.5°	657.9	657.7	657.7	657.7	657.7	657.7	657.7	658.6	659.5	660.4	661.3
170°	665.3	665.1	665.0	664.9	664.8	664.6	664.5	665.4	666.3	667.2	668.1
172.5°	670.5	670.3	670.2	670.1	670.0	669.8	669.7	670.6	671.5	672.4	673.3
175°	674.5	674.3	674.2	673.9	673.6	673.4	673.1	674.0	674.9	675.8	676.7
177.5°	676.7	676.5	676.4	676.1	675.9	675.6	675.4	676.2	676.9	677.7	678.4
180°	677.1	677.1	677.1	677.1	677.1	677.1	677.1	677.1	677.1	677.1	677.1

TEST NUMBER: P1010311

CATALOG NUMBER: S122RDIP-B865D530UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0
2.5°	1816.2	1813.6	1805.7	1808.3	1804.4	1804.4	1801.7	1801.7	1801.7	1808.3	1804.4
5°	1717.3	1708.1	1698.8	1694.9	1690.9	1687.0	1687.0	1685.7	1697.5	1694.9	1705.4
7.5°	1594.6	1592.0	1573.5	1573.5	1566.9	1564.3	1570.9	1572.2	1573.5	1576.2	1582.8
10°	1485.2	1478.6	1452.2	1454.8	1450.9	1445.6	1449.6	1446.9	1456.2	1458.8	1456.2
12.5°	1355.9	1344.0	1315.0	1300.5	1284.7	1272.8	1287.3	1276.8	1313.7	1324.3	1353.3
15°	1184.4	1162.0	1142.2	1142.2	1127.7	1117.2	1123.8	1135.6	1143.6	1155.4	1160.7
17.5°	1069.7	1060.5	1044.6	1035.4	1031.4	1027.5	1027.5	1032.8	1049.9	1048.6	1059.1
20°	972.1	966.8	958.9	947.0	943.1	940.4	940.4	940.4	952.3	962.9	969.5
22.5°	904.8	900.9	895.6	879.8	871.8	869.2	875.8	879.8	889.0	896.9	903.5
25°	837.6	828.3	819.1	813.8	809.9	809.9	812.5	813.8	817.8	821.7	829.6
27.5°	782.2	775.6	762.4	747.9	747.9	743.9	746.5	749.2	758.4	771.6	778.2
30°	720.2	718.8	713.6	708.3	703.0	700.4	705.7	709.6	710.9	717.5	717.5
32.5°	675.3	666.1	656.9	651.6	648.9	647.6	648.9	654.2	654.2	662.1	671.4
35°	630.5	625.2	616.0	606.7	604.1	597.5	602.8	608.0	617.3	621.2	625.2
37.5°	581.7	575.1	571.1	568.5	563.2	564.5	560.6	568.5	576.4	575.1	577.7
40°	544.7	532.9	521.0	519.7	518.4	517.0	517.0	518.4	523.6	528.9	536.8
42.5°	497.3	493.3	482.7	472.2	469.6	466.9	464.3	469.6	480.1	489.3	493.3
45°	448.5	443.2	440.5	432.6	427.3	426.0	423.4	430.0	439.2	443.2	445.8
47.5°	403.6	402.3	394.4	395.7	391.7	393.1	391.7	395.7	395.7	399.7	402.3
50°	373.3	369.3	365.4	362.7	358.8	358.8	357.4	358.8	364.0	369.3	368.0
52.5°	342.9	336.3	335.0	333.7	331.1	333.7	329.7	331.1	336.3	339.0	337.7
55°	307.3	306.0	303.4	300.7	299.4	298.1	298.1	298.1	303.4	307.3	308.6
57.5°	279.6	273.0	267.8	267.8	262.5	261.2	263.8	265.1	269.1	271.7	274.3
60°	241.4	238.7	230.8	226.9	219.0	217.6	217.6	222.9	229.5	238.7	241.4
62.5°	200.5	196.5	195.2	195.2	195.2	195.2	195.2	195.2	195.2	196.5	196.5
65°	178.1	179.4	178.1	176.7	178.1	178.1	176.7	176.7	176.7	178.1	179.4
67.5°	159.6	158.3	159.6	158.3	157.0	157.0	155.6	157.0	158.3	159.6	159.6
70°	138.5	138.5	137.2	138.5	137.2	135.9	134.5	134.5	137.2	138.5	138.5
72.5°	118.7	118.7	117.4	117.4	114.8	114.8	116.1	114.8	114.8	118.7	118.7
75°	98.9	97.6	96.3	96.3	95.0	95.0	95.0	93.6	96.3	96.3	97.6
77.5°	77.8	77.8	77.8	76.5	76.5	75.2	75.2	76.5	76.5	76.5	77.8
80°	59.4	59.4	59.4	58.0	56.7	56.7	56.7	56.7	56.7	58.0	56.7
82.5°	40.9	40.9	40.9	40.9	40.9	39.6	39.6	39.6	40.9	40.9	39.6
85°	25.1	23.7	25.1	25.1	23.7	25.1	23.7	23.7	22.4	22.4	23.7
87.5°	10.6	9.2	7.9	7.9	9.2	7.9	7.9	7.9	9.2	7.9	7.9
90°	18.9	19.0	19.1	19.2	19.3	19.4	19.3	19.2	19.1	19.0	18.9
92.5°	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
95°	36.6	36.5	36.2	35.9	35.7	35.4	35.7	35.9	36.2	36.5	36.6
97.5°	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
100°	78.9	78.8	78.7	78.6	78.4	78.3	78.4	78.6	78.7	78.8	78.9
102.5°	102.9	102.8	102.7	102.6	102.4	102.3	102.4	102.6	102.7	102.8	102.9
105°	126.9	126.9	126.9	126.9	126.9	126.9	126.9	126.9	126.9	126.9	126.9
107.5°	152.0	151.7	151.0	150.4	149.7	149.1	149.7	150.4	151.0	151.7	152.0
110°	177.7	177.5	177.1	176.8	176.4	176.0	176.4	176.8	177.1	177.5	177.7

TEST NUMBER: P1010311

CATALOG NUMBER: S122RDIP-B865D530UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	202.8	202.7	202.4	202.2	201.9	201.7	201.9	202.2	202.4	202.7	202.8
115°	230.3	230.1	229.7	229.4	229.0	228.6	229.0	229.4	229.7	230.1	230.3
117.5°	255.4	255.2	254.8	254.5	254.1	253.7	254.1	254.5	254.8	255.2	255.4
120°	282.3	282.1	281.7	281.4	281.0	280.6	281.0	281.4	281.7	282.1	282.3
122.5°	308.0	307.9	307.6	307.3	307.1	306.8	307.1	307.3	307.6	307.9	308.0
125°	334.3	334.2	334.1	334.0	333.8	333.7	333.8	334.0	334.1	334.2	334.3
127.5°	359.4	359.2	358.8	358.5	358.1	357.7	358.1	358.5	358.8	359.2	359.4
130°	386.3	386.0	385.5	385.0	384.5	384.0	384.5	385.0	385.5	386.0	386.3
132.5°	410.8	410.6	410.2	409.9	409.5	409.1	409.5	409.9	410.2	410.6	410.8
135°	437.1	436.9	436.5	436.2	435.8	435.4	435.8	436.2	436.5	436.9	437.1
137.5°	461.1	460.8	460.3	459.8	459.3	458.8	459.3	459.8	460.3	460.8	461.1
140°	485.7	485.4	484.9	484.4	483.9	483.4	483.9	484.4	484.9	485.4	485.7
142.5°	508.0	507.7	507.2	506.7	506.2	505.7	506.2	506.7	507.2	507.7	508.0
145°	530.3	530.0	529.5	529.0	528.5	528.0	528.5	529.0	529.5	530.0	530.3
147.5°	550.3	550.0	549.5	549.0	548.5	548.0	548.5	549.0	549.5	550.0	550.3
150°	569.1	568.9	568.5	568.2	567.8	567.4	567.8	568.2	568.5	568.9	569.1
152.5°	588.0	587.7	587.2	586.7	586.2	585.7	586.2	586.7	587.2	587.7	588.0
155°	603.4	603.2	602.8	602.5	602.1	601.7	602.1	602.5	602.8	603.2	603.4
157.5°	618.8	618.5	617.9	617.2	616.6	616.0	616.6	617.2	617.9	618.5	618.8
160°	631.4	631.1	630.6	630.1	629.6	629.1	629.6	630.1	630.6	631.1	631.4
162.5°	643.4	643.1	642.4	641.8	641.1	640.5	641.1	641.8	642.4	643.1	643.4
165°	653.1	652.8	652.2	651.5	650.9	650.3	650.9	651.5	652.2	652.8	653.1
167.5°	661.7	661.4	660.7	660.1	659.4	658.8	659.4	660.1	660.7	661.4	661.7
170°	668.5	668.1	667.4	666.6	665.9	665.1	665.9	666.6	667.4	668.1	668.5
172.5°	673.7	673.3	672.6	671.8	671.1	670.3	671.1	671.8	672.6	673.3	673.7
175°	677.1	676.7	676.0	675.2	674.5	673.7	674.5	675.2	676.0	676.7	677.1
177.5°	678.8	678.4	677.7	676.9	676.2	675.4	676.2	676.9	677.7	678.4	678.8
180°	677.1	677.1	677.1	677.1	677.1	677.1	677.1	677.1	677.1	677.1	677.1

TEST NUMBER: P1010311

CATALOG NUMBER: S122RDIP-B865D530UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0
2.5°	1808.3	1814.9	1812.3	1797.8	1812.3	1816.2	1824.1	1832.1	1837.3	1845.3	1851.8
5°	1694.9	1708.1	1716.0	1708.1	1734.5	1738.4	1756.9	1767.4	1783.3	1796.5	1807.0
7.5°	1588.1	1598.6	1614.4	1617.1	1632.9	1651.4	1677.7	1704.1	1729.2	1742.4	1754.2
10°	1473.3	1491.8	1515.5	1510.2	1534.0	1563.0	1590.7	1632.9	1654.0	1677.7	1698.8
12.5°	1358.5	1370.4	1402.1	1412.6	1446.9	1469.3	1507.6	1534.0	1586.7	1614.4	1632.9
15°	1158.1	1206.9	1246.4	1293.9	1338.8	1381.0	1415.3	1462.7	1508.9	1530.0	1560.4
17.5°	1067.1	1089.5	1113.2	1137.0	1195.0	1270.2	1330.9	1382.3	1421.9	1449.6	1485.2
20°	972.1	994.5	1020.9	1043.3	1078.9	1133.0	1208.2	1296.6	1344.0	1373.1	1407.4
22.5°	904.8	925.9	943.1	962.9	990.6	1030.1	1086.8	1196.3	1259.6	1295.2	1325.6
25°	832.3	858.7	877.1	891.6	914.1	957.6	1003.7	1065.7	1179.2	1206.9	1249.1
27.5°	782.2	790.1	811.2	833.6	856.0	879.8	927.2	980.0	1056.5	1117.2	1168.6
30°	722.8	742.6	762.4	771.6	791.4	825.7	854.7	911.4	970.8	1018.3	1080.2
32.5°	678.0	689.8	703.0	725.4	743.9	767.6	796.7	844.1	894.3	924.6	972.1
35°	627.8	635.7	663.4	672.7	691.1	714.9	743.9	780.8	834.9	858.7	892.9
37.5°	580.4	598.8	606.7	627.8	645.0	668.7	689.8	732.0	767.6	795.3	827.0
40°	543.4	551.3	565.8	584.3	598.8	617.3	643.7	674.0	712.2	734.7	762.4
42.5°	498.6	505.2	523.6	534.2	557.9	575.1	590.9	627.8	662.1	679.3	707.0
45°	449.8	465.6	477.5	498.6	511.8	532.9	552.7	579.0	610.7	630.5	646.3
47.5°	407.6	423.4	435.3	455.0	476.2	485.4	506.5	534.2	563.2	579.0	601.5
50°	373.3	378.5	401.0	410.2	432.6	451.1	465.6	489.3	521.0	530.2	548.7
52.5°	340.3	344.3	358.8	370.6	390.4	406.2	424.7	447.1	473.5	488.0	502.5
55°	311.3	313.9	320.5	333.7	346.9	366.7	383.8	404.9	427.3	443.2	456.4
57.5°	278.3	283.6	288.9	296.8	310.0	328.4	346.9	366.7	385.1	395.7	412.8
60°	240.1	248.0	257.2	266.4	275.7	288.9	310.0	328.4	345.6	354.8	368.0
62.5°	199.2	215.0	222.9	233.5	241.4	253.2	269.1	290.2	302.0	313.9	324.5
65°	179.4	180.7	182.0	192.6	207.1	219.0	233.5	249.3	267.8	275.7	283.6
67.5°	159.6	160.9	163.6	164.9	170.1	183.3	199.2	216.3	230.8	236.1	244.0
70°	139.8	139.8	145.1	146.4	147.7	149.0	162.2	179.4	192.6	199.2	208.4
72.5°	118.7	120.0	122.7	124.0	126.6	129.3	133.2	142.4	158.3	164.9	175.4
75°	97.6	98.9	100.2	101.6	105.5	106.8	110.8	116.1	122.7	130.6	137.2
77.5°	77.8	77.8	79.1	81.8	84.4	85.7	89.7	92.3	95.0	98.9	104.2
80°	58.0	59.4	59.4	62.0	62.0	63.3	64.6	68.6	71.2	73.9	76.5
82.5°	39.6	42.2	42.2	42.2	43.5	44.8	46.2	46.2	48.8	50.1	54.1
85°	23.7	25.1	25.1	25.1	23.7	26.4	26.4	27.7	27.7	27.7	29.0
87.5°	9.2	7.9	9.2	9.2	9.2	10.6	9.2	9.2	10.6	11.9	11.9
90°	19.0	19.3	19.5	19.8	20.0	17.2	14.4	11.6	8.8	7.4	6.6
92.5°	18.2	18.1	18.0	17.8	17.7	17.6	17.4	17.3	17.2	17.1	16.6
95°	36.6	36.6	36.6	36.6	36.6	36.3	36.1	35.8	35.5	35.4	34.8
97.5°	57.1	57.1	57.1	57.1	57.1	56.6	56.1	55.6	55.1	54.9	54.3
100°	78.9	78.9	78.9	78.9	78.9	78.5	78.1	77.7	77.3	77.1	76.6
102.5°	102.8	102.7	102.6	102.4	102.3	101.8	101.3	100.8	100.3	100.0	99.6
105°	126.8	126.5	126.2	126.0	125.7	125.5	125.2	125.0	124.7	124.6	124.4
107.5°	151.9	151.8	151.7	151.5	151.4	151.4	151.4	151.4	151.4	151.4	151.1
110°	177.7	177.7	177.7	177.7	177.7	177.7	177.7	177.7	177.7	177.7	177.3

TEST NUMBER: P1010311

CATALOG NUMBER: S122RDIP-B865D530UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	203.0	203.4	203.8	204.2	204.6	204.7	204.8	204.9	205.0	205.1	204.7
115°	230.4	230.5	230.6	230.7	230.8	231.1	231.3	231.6	231.9	232.0	231.6
117.5°	255.6	256.0	256.3	256.7	257.1	257.7	258.4	259.0	259.7	260.0	259.5
120°	282.3	282.3	282.3	282.3	282.3	283.3	284.3	285.3	286.3	286.8	286.3
122.5°	308.2	308.6	308.9	309.3	309.7	310.3	311.0	311.6	312.3	312.6	312.0
125°	334.5	334.9	335.2	335.6	336.0	336.4	336.8	337.1	337.5	337.7	337.1
127.5°	359.7	360.2	360.7	361.2	361.7	362.2	362.7	363.2	363.7	364.0	363.3
130°	386.4	386.7	386.9	387.2	387.4	387.7	387.9	388.2	388.5	388.6	387.8
132.5°	411.1	411.8	412.4	413.1	413.7	413.6	413.4	413.3	413.2	413.1	412.5
135°	437.2	437.3	437.4	437.6	437.7	437.5	437.2	437.0	436.7	436.6	435.9
137.5°	461.2	461.3	461.4	461.6	461.7	461.4	461.2	460.9	460.6	460.5	459.9
140°	485.7	485.7	485.7	485.7	485.7	485.1	484.4	483.8	483.1	482.8	482.2
142.5°	507.9	507.8	507.7	507.5	507.4	507.0	506.6	506.3	505.9	505.7	505.1
145°	530.2	530.1	530.0	529.8	529.7	528.9	528.2	527.4	526.7	526.3	525.9
147.5°	550.2	549.9	549.6	549.4	549.1	548.6	548.1	547.6	547.1	546.8	546.2
150°	568.9	568.5	568.2	567.8	567.4	566.9	566.4	565.9	565.4	565.1	564.7
152.5°	587.7	587.2	586.7	586.2	585.7	585.1	584.4	583.8	583.1	582.8	582.4
155°	603.1	602.4	601.8	601.1	600.5	600.1	599.7	599.4	599.0	598.8	598.6
157.5°	618.4	617.5	616.6	615.7	614.8	614.6	614.3	614.1	613.8	613.7	613.6
160°	631.0	630.3	629.5	628.8	628.0	627.9	627.7	627.6	627.5	627.4	627.3
162.5°	643.0	642.1	641.2	640.3	639.4	639.3	639.1	639.0	638.9	638.8	638.8
165°	652.7	651.8	650.9	650.0	649.1	649.1	649.1	649.1	649.1	649.1	649.2
167.5°	661.3	660.4	659.5	658.6	657.7	657.7	657.7	657.7	657.7	657.7	657.9
170°	668.1	667.2	666.3	665.4	664.5	664.6	664.8	664.9	665.0	665.1	665.3
172.5°	673.3	672.4	671.5	670.6	669.7	669.8	670.0	670.1	670.2	670.3	670.5
175°	676.7	675.8	674.9	674.0	673.1	673.4	673.6	673.9	674.2	674.3	674.5
177.5°	678.4	677.7	676.9	676.2	675.4	675.6	675.9	676.1	676.4	676.5	676.7
180°	677.1	677.1	677.1	677.1	677.1	677.1	677.1	677.1	677.1	677.1	677.1

TEST NUMBER: P1010311

CATALOG NUMBER: S122RDIP-B865D530UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1898.0	1898.0	1898.0	1898.0
2.5°	1863.7	1859.8	1883.5	1909.9
5°	1825.5	1832.1	1862.4	1899.3
7.5°	1785.9	1800.4	1836.0	1884.8
10°	1730.5	1756.9	1811.0	1861.1
12.5°	1676.4	1712.0	1763.5	1822.8
15°	1615.8	1655.3	1718.6	1789.9
17.5°	1548.5	1593.3	1667.2	1745.0
20°	1477.3	1536.6	1614.4	1698.8
22.5°	1398.1	1469.3	1549.8	1643.4
25°	1321.6	1399.4	1479.9	1588.1
27.5°	1246.4	1322.9	1412.6	1522.1
30°	1171.3	1241.2	1337.4	1454.8
32.5°	1090.8	1163.3	1264.9	1384.9
35°	1016.9	1089.5	1184.4	1303.2
37.5°	937.8	1015.6	1106.6	1229.3
40°	845.5	936.5	1024.8	1142.2
42.5°	769.0	865.3	951.0	1061.8
45°	708.3	799.3	870.5	978.7
47.5°	651.6	725.4	798.0	898.2
50°	597.5	654.2	729.4	819.1
52.5°	542.1	590.9	655.5	739.9
55°	492.0	538.1	596.2	660.8
57.5°	445.8	478.8	536.8	594.9
60°	394.4	428.7	473.5	522.3
62.5°	350.8	377.2	419.4	460.3
65°	304.7	329.7	361.4	399.7
67.5°	262.5	284.9	310.0	340.3
70°	224.2	241.4	259.8	286.2
72.5°	183.3	201.8	219.0	240.1
75°	150.4	158.3	172.8	187.3
77.5°	116.1	126.6	134.5	146.4
80°	83.1	92.3	95.0	104.2
82.5°	55.4	60.7	65.9	68.6
85°	31.7	34.3	39.6	40.9
87.5°	11.9	13.2	15.8	18.5
90°	5.1	3.6	2.1	0.6
92.5°	15.6	14.6	13.6	12.6
95°	33.5	32.2	31.0	29.7
97.5°	53.2	52.0	50.9	49.7
100°	75.6	74.6	73.6	72.6
102.5°	98.9	98.1	97.4	96.6
105°	124.0	123.7	123.3	122.9
107.5°	150.6	150.1	149.6	149.1
110°	176.6	175.8	175.1	174.3

TEST NUMBER: P1010311

CATALOG NUMBER: S122RDIP-B865D530UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	204.0	203.2	202.5	201.7
115°	230.9	230.1	229.4	228.6
117.5°	258.5	257.4	256.4	255.4
120°	285.3	284.3	283.3	282.3
122.5°	310.7	309.4	308.1	306.8
125°	336.0	334.9	333.7	332.6
127.5°	361.9	360.5	359.1	357.7
130°	386.1	384.4	382.8	381.1
132.5°	411.2	409.9	408.7	407.4
135°	434.5	433.1	431.7	430.3
137.5°	458.8	457.7	456.5	455.4
140°	481.1	480.0	478.8	477.7
142.5°	504.0	502.8	501.7	500.5
145°	525.0	524.1	523.2	522.3
147.5°	545.1	544.0	542.8	541.7
150°	564.0	563.2	562.5	561.7
152.5°	581.7	580.9	580.2	579.4
155°	598.2	597.9	597.5	597.1
157.5°	613.3	613.0	612.8	612.5
160°	627.0	626.8	626.5	626.3
162.5°	638.8	638.8	638.8	638.8
165°	649.3	649.4	649.6	649.7
167.5°	658.3	658.6	659.0	659.4
170°	665.7	666.0	666.4	666.8
172.5°	670.9	671.2	671.6	672.0
175°	674.9	675.2	675.6	676.0
177.5°	677.1	677.5	677.9	678.3
180°	677.1	677.1	677.1	677.1

(END OF REPORT)