

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: P1025989

Luminaire Tested: S124RDIP-B1020D365UB27-4F0-XX-W2A-A

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1025989
REPORT IS A COMBINATION OF REPORTS P998899 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S124RDIP-B1020D365UB27-4F0-XX-W2A-A
Description: Define 4 Regressed Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473}
{m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

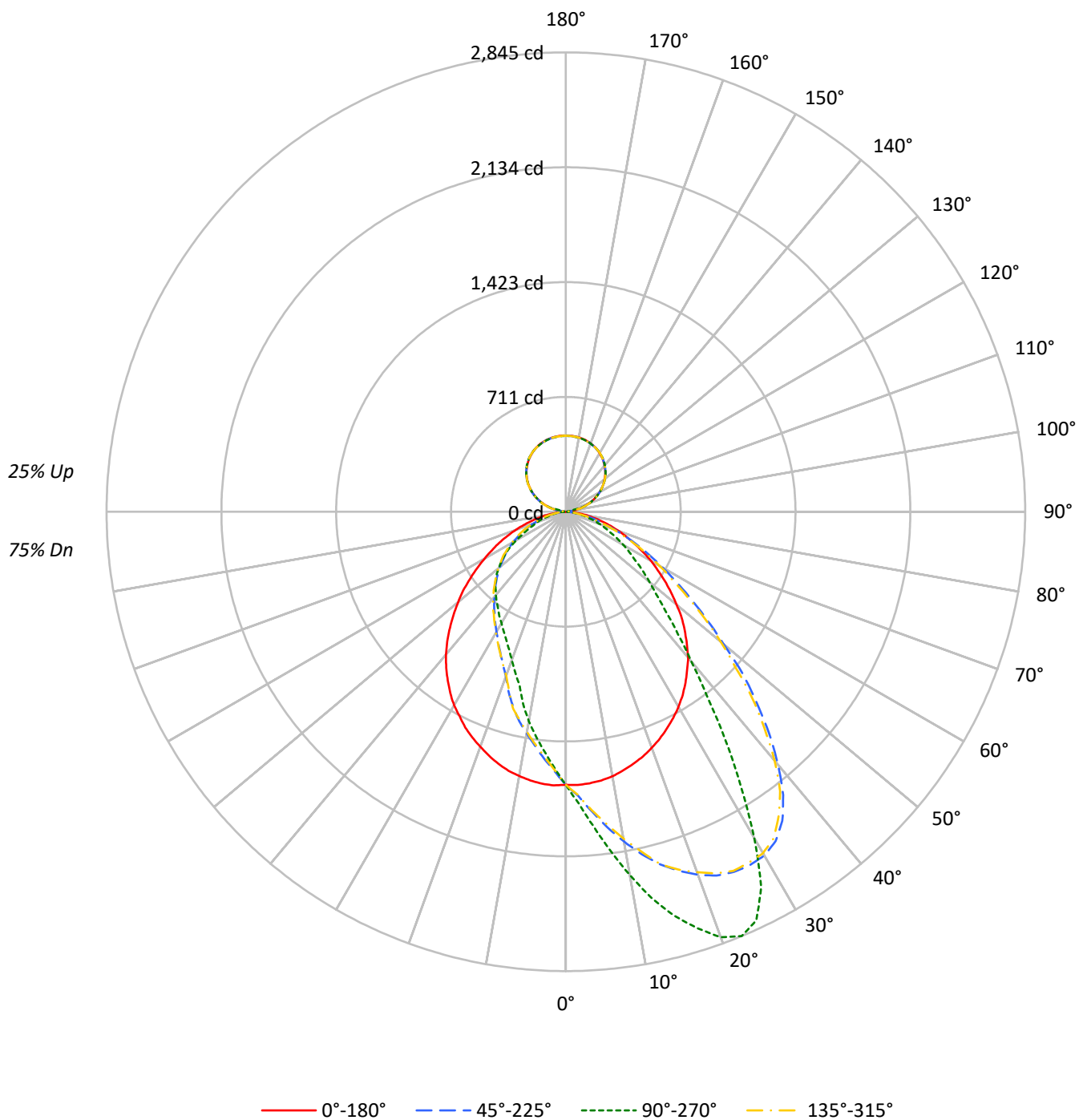
Lumens per Lamp: N/A
Luminaire Lumens: 5733.0 lumens
Efficiency: N/A
Efficacy: 102.2 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.38
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 56.1
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	113	113	113	113	107	107	107	107	97	97	97	87	87	87	79	79	79
1	104	100	96	93	99	95	92	89	86	84	81	78	76	74	71	69	68
2	95	88	82	77	90	84	79	74	76	72	69	69	66	63	63	61	58
3	87	78	71	65	83	75	68	63	68	63	58	62	58	54	56	53	50
4	80	70	62	56	76	67	59	54	61	55	50	56	51	47	51	47	44
5	74	62	54	48	70	60	52	47	55	49	44	50	45	41	46	42	39
6	69	56	48	42	65	54	47	41	50	43	39	46	41	37	42	38	34
7	64	51	43	37	60	49	42	36	45	39	35	42	37	33	39	34	31
8	59	47	39	33	56	45	38	33	42	35	31	38	33	29	36	31	28
9	55	43	35	30	53	41	34	29	38	32	28	36	30	27	33	28	25
10	52	40	32	27	49	38	31	27	35	29	25	33	28	24	31	26	23

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	13787	13787	13787	13787
5°	13787	15579	13809	11907
10°	13714	17959	13702	10355
15°	13550	20212	13550	8670
20°	13380	21914	13310	7634
25°	13171	22008	13110	6896
30°	12949	18714	12848	6387
35°	12636	14120	12476	6008
40°	12287	10233	12045	5712
45°	11711	7778	11420	5450
50°	11027	6286	10725	5066
55°	10285	5204	9949	4555
60°	9542	4400	9115	3788
65°	8607	3585	8333	3011
70°	7750	2906	7387	2446
75°	6792	2095	6320	1793
80°	5602	1389	5100	1318
85°	4068	715	3369	715

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 17260 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	163.7	2.9
10°-20°	494.4	8.6
20°-30°	774.4	13.5
30°-40°	860.0	15.0
40°-50°	762.1	13.3
50°-60°	593.9	10.4
60°-70°	388.5	6.8
70°-80°	190.6	3.3
80°-90°	47.4	0.8
90°-100°	15.6	0.3
100°-110°	103.0	1.8
110°-120°	196.7	3.4
120°-130°	249.7	4.4
130°-140°	267.1	4.7
140°-150°	249.8	4.4
150°-160°	201.4	3.5
160°-170°	129.9	2.3
170°-180°	44.8	0.8
0°-30°	1432.6	25.0
0°-40°	2292.5	40.0
0°-60°	3648.5	63.6
0°-90°	4275.0	74.6
90°-120°	315.4	5.5
90°-150°	1081.9	18.9
90°-180°	1458.0	25.4
0°-180°	5733.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1691	1691	1691	1691	1691	
5°	1688	1954	1691	1493	1688	160
15°	1616	2589	1616	1110	1616	456
25°	1481	2792	1474	875	1481	683
35°	1292	1719	1275	732	1292	807
45°	1041	879	1015	616	1041	803
55°	749	524	725	459	749	670
65°	470	306	455	258	470	469
75°	236	142	219	121	236	250
85°	56	34	46	34	56	63
90°	1	11	1	11	1	5
95°	19	10	19	10	19	24
105°	106	100	106	100	106	111
115°	198	200	198	200	198	195
125°	278	280	278	280	278	249
135°	345	348	345	348	345	266
145°	398	400	398	400	398	249
155°	437	436	437	436	437	201
165°	461	458	461	458	461	130
175°	471	468	471	468	471	45
180°	471	471	471	471	471	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7
2.5°	1693.5	1708.5	1716.6	1723.4	1737.1	1742.5	1753.4	1756.1	1767.0	1765.7	1761.6
5°	1688.0	1713.9	1733.0	1753.4	1777.9	1791.6	1806.5	1828.3	1839.2	1854.2	1863.8
7.5°	1678.5	1713.9	1745.2	1776.6	1816.1	1837.9	1857.0	1891.0	1919.6	1944.2	1971.4
10°	1663.5	1708.5	1754.8	1797.0	1851.5	1877.4	1906.0	1956.4	1995.9	2030.0	2073.6
12.5°	1640.3	1703.0	1754.8	1812.0	1881.5	1916.9	1955.0	2015.0	2061.3	2117.2	2171.7
15°	1615.8	1685.3	1753.4	1828.3	1907.4	1948.2	1986.4	2066.8	2137.6	2201.6	2261.6
17.5°	1588.6	1664.9	1739.8	1822.9	1918.3	1968.7	2013.6	2110.4	2188.0	2271.1	2331.1
20°	1555.9	1639.0	1724.8	1817.4	1925.1	1980.9	2031.3	2141.7	2227.5	2317.4	2392.4
22.5°	1520.4	1610.4	1704.4	1805.2	1916.9	1978.2	2036.8	2155.3	2254.8	2337.9	2438.7
25°	1480.9	1576.3	1673.0	1779.3	1904.6	1971.4	2031.3	2148.5	2254.8	2363.8	2461.9
27.5°	1440.1	1538.2	1639.0	1750.7	1878.8	1944.2	2012.3	2125.3	2249.3	2367.9	2467.3
30°	1395.1	1490.5	1596.7	1703.0	1839.2	1904.6	1974.1	2096.7	2231.6	2350.1	2457.8
32.5°	1346.1	1444.1	1545.0	1655.3	1788.8	1859.7	1923.7	2062.7	2200.3	2317.4	2418.3
35°	1291.6	1384.2	1479.6	1592.6	1724.8	1788.8	1865.1	2009.5	2148.5	2272.5	2337.9
37.5°	1233.0	1321.5	1410.1	1521.8	1648.5	1726.2	1801.1	1946.9	2094.0	2177.1	2211.2
40°	1178.5	1256.1	1333.8	1441.4	1569.5	1649.9	1726.2	1877.4	2006.8	2070.9	2045.0
42.5°	1109.0	1189.4	1258.9	1358.3	1487.7	1562.7	1640.3	1797.0	1901.9	1927.8	1863.8
45°	1040.9	1107.6	1174.4	1271.1	1407.4	1471.4	1554.5	1700.3	1787.5	1764.3	1670.3
47.5°	974.1	1028.6	1091.3	1185.3	1307.9	1384.2	1461.9	1588.6	1649.9	1617.2	1486.4
50°	895.1	949.6	1015.0	1096.7	1215.3	1288.8	1350.1	1467.3	1513.6	1433.2	1275.2
52.5°	820.2	867.9	923.7	1000.0	1113.1	1179.8	1246.6	1347.4	1362.4	1269.8	1103.5
55°	749.3	787.5	846.1	907.4	1010.9	1081.7	1128.1	1213.9	1209.8	1094.0	951.0
57.5°	675.8	711.2	750.7	814.7	912.8	965.9	1016.4	1091.3	1051.8	953.7	812.0
60°	610.4	630.8	670.3	731.6	814.7	861.0	900.5	941.4	907.4	801.1	692.1
62.5°	538.1	561.3	589.9	639.0	712.5	756.1	784.7	802.5	767.0	685.3	585.8
65°	470.0	490.5	520.4	564.0	619.9	652.6	667.6	679.8	660.8	568.1	489.1
67.5°	408.7	422.3	449.6	478.2	538.1	546.3	566.8	572.2	534.1	463.2	400.5
70°	347.4	361.0	373.3	407.4	434.6	449.6	453.7	453.7	415.5	369.2	317.4
72.5°	290.2	298.4	310.6	333.8	348.8	359.7	365.1	358.3	322.9	284.7	246.6
75°	235.7	239.8	250.7	265.7	277.9	273.8	272.5	264.3	238.4	211.2	189.4
77.5°	181.2	183.9	196.2	200.3	200.3	204.4	198.9	190.7	168.9	148.5	139.0
80°	136.2	140.3	141.7	144.4	141.7	141.7	137.6	124.0	113.1	103.5	96.7
82.5°	94.0	96.7	98.1	94.0	96.7	92.6	85.8	76.3	69.5	68.1	65.4
85°	55.9	57.2	55.9	55.9	51.8	50.4	45.0	43.6	40.9	40.9	39.5
87.5°	27.2	25.9	23.2	20.4	20.4	19.1	20.4	17.7	20.4	19.1	17.7
90°	1.1	1.9	2.8	3.6	4.5	4.9	5.2	5.9	6.5	7.2	7.8
92.5°	5.3	5.1	5.0	4.8	4.7	4.6	4.9	5.5	6.2	6.8	7.4
95°	19.4	16.7	14.1	11.4	8.7	7.4	7.4	7.5	7.6	7.7	7.8
97.5°	37.0	38.7	40.5	42.2	43.9	44.8	40.7	32.5	24.2	16.0	7.8
100°	57.8	59.2	60.6	62.0	63.4	64.1	58.7	47.9	37.1	26.3	15.5
102.5°	81.1	82.0	83.0	83.9	84.8	85.3	85.8	86.7	87.6	88.6	89.5
105°	106.1	106.6	107.0	107.5	108.0	108.2	108.4	108.8	109.2	109.6	110.0
107.5°	129.0	129.2	129.4	129.7	129.9	130.0	130.3	130.8	131.4	131.9	132.5
110°	152.2	152.4	152.7	152.9	153.2	153.3	153.5	154.0	154.5	154.9	155.4

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	174.8	175.3	175.7	176.2	176.7	176.9	177.0	177.1	177.3	177.4	177.6
115°	198.1	198.3	198.5	198.8	199.0	199.1	199.1	199.0	198.9	198.9	198.8
117.5°	218.9	219.2	219.5	219.8	220.1	220.3	220.4	220.6	220.9	221.1	221.3
120°	240.0	240.3	240.6	240.9	241.2	241.4	241.4	241.3	241.2	241.2	241.1
122.5°	259.7	259.9	260.0	260.2	260.3	260.4	260.5	260.6	260.8	260.9	261.1
125°	278.4	278.7	279.0	279.3	279.6	279.8	279.7	279.6	279.4	279.3	279.1
127.5°	296.4	296.5	296.5	296.6	296.7	296.7	296.9	297.3	297.7	298.1	298.5
130°	313.7	313.8	313.8	313.9	314.0	314.0	314.1	314.4	314.6	314.9	315.1
132.5°	329.5	329.7	329.8	330.0	330.1	330.2	330.4	330.7	331.0	331.3	331.6
135°	345.4	345.3	345.2	345.1	345.0	345.0	345.2	345.5	345.8	346.1	346.4
137.5°	359.5	359.5	359.5	359.5	359.5	359.5	359.7	360.1	360.4	360.8	361.2
140°	373.2	373.4	373.5	373.7	373.8	373.9	374.0	374.1	374.3	374.4	374.6
142.5°	385.6	385.9	386.2	386.5	386.8	387.0	387.0	387.1	387.2	387.2	387.3
145°	398.2	398.4	398.7	398.9	399.2	399.3	399.3	399.3	399.3	399.3	399.3
147.5°	408.1	408.6	409.0	409.5	410.0	410.2	410.2	410.1	410.0	410.0	409.9
150°	419.0	419.3	419.6	419.9	420.2	420.4	420.4	420.3	420.2	420.2	420.1
152.5°	428.2	428.4	428.7	428.9	429.2	429.3	429.2	429.0	428.9	428.7	428.5
155°	436.7	436.8	436.8	436.9	437.0	437.0	436.9	436.6	436.4	436.1	435.9
157.5°	444.1	444.1	444.1	444.1	444.1	444.1	443.9	443.6	443.3	442.9	442.6
160°	450.4	450.2	449.9	449.7	449.4	449.3	449.3	449.2	449.1	449.1	449.0
162.5°	456.0	455.7	455.4	455.1	454.8	454.6	454.6	454.5	454.4	454.4	454.3
165°	460.6	460.2	459.8	459.5	459.1	458.9	458.9	458.9	458.9	458.9	458.9
167.5°	464.5	464.1	463.7	463.3	462.9	462.7	462.7	462.6	462.5	462.5	462.4
170°	467.7	467.2	466.8	466.3	465.8	465.6	465.6	465.7	465.8	465.8	465.9
172.5°	469.8	469.3	468.9	468.4	467.9	467.7	467.7	467.8	467.9	467.9	468.0
175°	471.2	470.7	470.3	469.8	469.3	469.1	469.1	469.2	469.3	469.3	469.4
177.5°	472.2	471.7	471.1	470.6	470.1	469.8	469.9	470.0	470.2	470.3	470.5
180°	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7
2.5°	1772.5	1787.5	1788.8	1802.5	1798.4	1791.6	1803.8	1795.6	1812.0	1806.5	1813.4
5°	1876.0	1896.5	1914.2	1925.1	1944.2	1940.1	1960.5	1953.7	1968.7	1953.7	1972.8
7.5°	1997.3	2031.3	2049.1	2077.7	2085.8	2087.2	2111.7	2117.2	2126.7	2117.2	2128.1
10°	2115.8	2156.7	2197.6	2220.7	2235.7	2256.1	2277.9	2287.5	2294.3	2284.8	2291.6
12.5°	2223.4	2287.5	2332.4	2378.8	2389.7	2407.4	2430.5	2427.8	2455.1	2449.6	2461.9
15°	2322.9	2393.7	2448.2	2485.0	2515.0	2530.0	2573.6	2576.3	2574.9	2588.6	2580.4
17.5°	2411.5	2471.4	2549.1	2596.7	2633.5	2633.5	2658.0	2708.5	2704.4	2703.0	2711.2
20°	2483.7	2551.8	2624.0	2704.4	2734.3	2739.8	2773.9	2799.7	2803.8	2803.8	2803.8
22.5°	2538.2	2618.5	2696.2	2753.4	2776.6	2795.7	2825.6	2842.0	2847.4	2844.7	2847.4
25°	2565.4	2641.7	2720.7	2772.5	2786.1	2797.0	2799.7	2809.3	2807.9	2791.6	2801.1
27.5°	2570.9	2644.4	2696.2	2709.8	2703.0	2696.2	2652.6	2656.7	2644.4	2619.9	2629.4
30°	2546.3	2585.8	2584.5	2542.2	2530.0	2501.4	2461.9	2403.3	2355.6	2335.2	2342.0
32.5°	2457.8	2457.8	2408.7	2313.4	2271.1	2219.4	2148.5	2095.4	2032.7	2019.1	2045.0
35°	2335.2	2265.7	2175.8	2050.4	1986.4	1948.2	1825.6	1787.5	1734.3	1719.4	1731.6
37.5°	2144.4	2028.6	1897.8	1780.7	1726.2	1658.0	1550.4	1495.9	1457.8	1431.9	1444.1
40°	1930.5	1790.2	1654.0	1509.5	1449.6	1393.7	1313.4	1264.3	1203.0	1205.7	1209.8
42.5°	1726.2	1561.3	1408.7	1275.2	1218.0	1171.7	1115.8	1055.9	1034.1	1027.3	1020.4
45°	1509.5	1333.8	1190.7	1091.3	1039.5	995.9	944.1	910.1	884.2	878.8	885.6
47.5°	1305.2	1156.7	1020.4	927.8	885.6	863.8	822.9	791.6	775.2	761.6	769.8
50°	1119.9	980.9	871.9	794.3	764.3	749.3	711.2	694.8	678.5	674.4	673.0
52.5°	967.3	848.8	754.8	692.1	668.9	660.8	632.2	609.0	595.4	599.5	602.2
55°	828.3	727.5	654.0	603.5	584.5	574.9	554.5	538.1	528.6	524.5	527.3
57.5°	705.7	618.5	565.4	524.5	509.5	505.5	483.7	478.2	471.4	467.3	467.3
60°	594.0	532.7	483.7	460.5	444.1	440.1	423.7	416.9	415.5	411.4	408.7
62.5°	500.0	449.6	415.5	391.0	384.2	382.8	371.9	363.8	359.7	356.9	356.9
65°	418.3	381.5	352.9	335.2	329.7	327.0	314.7	312.0	309.3	306.5	305.2
67.5°	348.8	316.1	295.6	283.4	276.6	277.9	271.1	265.7	265.7	264.3	262.9
70°	282.0	261.6	243.9	237.1	234.3	231.6	228.9	224.8	223.4	223.4	223.4
72.5°	222.1	208.4	198.9	194.8	192.1	189.4	186.6	186.6	186.6	185.3	185.3
75°	170.3	164.9	158.0	154.0	154.0	156.7	152.6	148.5	144.4	141.7	143.1
77.5°	128.1	125.3	121.3	114.4	115.8	113.1	113.1	110.4	111.7	111.7	109.0
80°	94.0	89.9	88.6	84.5	85.8	84.5	83.1	83.1	80.4	80.4	80.4
82.5°	65.4	61.3	61.3	59.9	58.6	58.6	57.2	57.2	58.6	55.9	55.9
85°	39.5	38.1	38.1	35.4	35.4	35.4	35.4	36.8	35.4	34.1	34.1
87.5°	17.7	19.1	17.7	16.3	16.3	16.3	15.0	15.0	13.6	15.0	15.0
90°	8.3	8.7	9.2	9.7	9.9	10.0	10.1	10.3	10.4	10.6	10.4
92.5°	7.9	8.3	8.8	9.3	9.5	9.5	9.5	9.5	9.5	9.5	9.5
95°	8.3	8.7	9.2	9.7	9.9	9.9	10.0	10.1	10.1	10.2	10.1
97.5°	8.2	8.6	8.9	9.3	9.5	9.5	9.6	9.7	9.8	9.9	9.8
100°	14.2	12.8	11.5	10.2	9.5	9.5	9.6	9.7	9.8	9.9	9.8
102.5°	71.9	54.3	36.6	19.0	10.2	10.2	10.2	10.2	10.2	10.2	10.2
105°	110.7	111.4	112.1	112.8	113.1	111.7	108.9	106.0	103.2	100.4	103.2
107.5°	132.9	133.3	133.7	134.1	134.3	134.5	134.8	135.1	135.4	135.7	135.4
110°	155.6	155.7	155.9	156.0	156.1	156.2	156.5	156.7	157.0	157.2	157.0

TEST NUMBER: P1025989

CATALOG NUMBER: S124RDIP-B1020D365UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	177.5	177.5	177.4	177.3	177.3	177.5	177.8	178.1	178.4	178.7	178.4
115°	199.0	199.1	199.3	199.4	199.5	199.5	199.5	199.5	199.5	199.5	199.5
117.5°	221.2	221.2	221.1	221.0	221.0	221.0	221.0	221.0	221.0	221.0	221.0
120°	241.3	241.4	241.6	241.7	241.8	241.7	241.6	241.4	241.3	241.1	241.3
122.5°	261.2	261.3	261.4	261.5	261.5	261.4	261.3	261.1	261.0	260.8	261.0
125°	279.3	279.6	279.8	280.1	280.2	280.2	280.3	280.4	280.4	280.5	280.4
127.5°	298.4	298.3	298.2	298.1	298.1	298.1	298.0	297.9	297.9	297.8	297.9
130°	315.2	315.2	315.3	315.4	315.4	315.4	315.4	315.4	315.4	315.4	315.4
132.5°	331.7	331.8	331.9	332.0	332.0	332.0	331.9	331.8	331.7	331.6	331.7
135°	346.6	346.7	346.9	347.0	347.1	347.2	347.3	347.5	347.6	347.8	347.6
137.5°	361.4	361.5	361.7	361.8	361.9	361.9	361.8	361.7	361.7	361.6	361.7
140°	374.8	375.1	375.3	375.6	375.7	375.7	375.8	375.9	375.9	376.0	375.9
142.5°	387.5	387.6	387.8	387.9	388.0	388.0	388.0	388.0	388.0	388.0	388.0
145°	399.4	399.4	399.5	399.6	399.6	399.7	399.9	400.0	400.2	400.4	400.2
147.5°	410.0	410.0	410.1	410.2	410.2	410.2	410.3	410.4	410.5	410.6	410.5
150°	420.1	420.1	420.1	420.1	420.1	420.1	420.2	420.3	420.3	420.4	420.3
152.5°	428.7	428.9	429.0	429.2	429.3	429.3	429.2	429.1	429.0	428.9	429.0
155°	436.2	436.6	436.9	437.2	437.4	437.3	437.0	436.8	436.5	436.3	436.5
157.5°	443.0	443.4	443.8	444.2	444.4	444.2	443.8	443.4	443.0	442.6	443.0
160°	449.5	449.9	450.4	450.9	451.1	450.9	450.4	449.9	449.5	449.0	449.5
162.5°	454.8	455.2	455.7	456.2	456.4	456.1	455.6	455.0	454.5	453.9	454.5
165°	459.5	460.1	460.8	461.4	461.7	461.3	460.6	459.9	459.2	458.5	459.2
167.5°	463.1	463.8	464.5	465.2	465.6	465.2	464.4	463.6	462.8	462.0	462.8
170°	466.5	467.1	467.8	468.4	468.7	468.3	467.5	466.8	466.0	465.2	466.0
172.5°	468.6	469.2	469.9	470.5	470.8	470.4	469.5	468.7	467.8	467.0	467.8
175°	470.1	470.8	471.5	472.2	472.6	472.1	471.2	470.3	469.3	468.4	469.3
177.5°	471.1	471.7	472.4	473.0	473.3	472.8	471.9	471.0	470.0	469.1	470.0
180°	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2

TEST NUMBER: P1025989

CATALOG NUMBER: S124RDIP-B1020D365UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7
2.5°	1817.4	1807.9	1806.5	1806.5	1791.6	1799.7	1783.4	1765.7	1757.5	1757.5	1742.5
5°	1968.7	1959.1	1949.6	1934.6	1934.6	1926.4	1900.6	1874.7	1855.6	1839.2	1821.5
7.5°	2124.0	2114.5	2087.2	2072.2	2080.4	2064.0	2030.0	1986.4	1953.7	1927.8	1891.0
10°	2292.9	2267.0	2253.4	2245.2	2216.6	2198.9	2159.4	2095.4	2054.5	2020.4	1972.8
12.5°	2430.5	2438.7	2386.9	2391.0	2362.4	2337.9	2276.6	2215.3	2154.0	2106.3	2035.4
15°	2579.0	2554.5	2523.2	2498.6	2489.1	2459.1	2407.4	2325.6	2258.9	2183.9	2103.6
17.5°	2696.2	2677.1	2647.2	2624.0	2603.6	2531.3	2487.7	2415.5	2324.3	2250.7	2152.6
20°	2795.7	2777.9	2735.7	2720.7	2683.9	2632.2	2569.5	2457.8	2376.0	2295.7	2200.3
22.5°	2837.9	2820.2	2783.4	2764.3	2741.2	2690.7	2630.8	2524.5	2423.7	2322.9	2222.1
25°	2802.5	2802.5	2784.8	2777.9	2757.5	2712.5	2651.2	2561.3	2453.7	2344.7	2224.8
27.5°	2630.8	2664.9	2677.1	2683.9	2683.9	2685.3	2643.1	2555.9	2451.0	2344.7	2219.4
30°	2382.8	2440.1	2490.5	2505.5	2531.3	2560.0	2577.7	2535.4	2441.4	2329.7	2204.4
32.5°	2070.9	2144.4	2238.4	2261.6	2297.0	2382.8	2430.5	2448.2	2396.5	2298.4	2164.9
35°	1760.2	1852.9	1910.1	1980.9	2013.6	2140.3	2246.6	2310.6	2298.4	2239.8	2118.5
37.5°	1489.1	1542.2	1611.7	1686.7	1752.1	1873.3	2005.5	2129.4	2179.8	2151.2	2060.0
40°	1228.9	1291.6	1374.7	1436.0	1480.9	1602.2	1765.7	1900.6	2010.9	2028.6	1972.8
42.5°	1045.0	1107.6	1158.0	1224.8	1260.2	1377.4	1521.8	1690.7	1821.5	1891.0	1866.5
45°	903.3	941.4	982.3	1020.4	1064.0	1167.6	1301.1	1486.4	1633.5	1731.6	1741.2
47.5°	779.3	813.4	848.8	884.2	908.7	989.1	1111.7	1262.9	1423.7	1558.6	1611.7
50°	692.1	708.4	734.3	754.8	783.4	852.9	951.0	1081.7	1252.0	1397.8	1467.3
52.5°	606.3	626.7	647.1	664.9	683.9	733.0	822.9	936.0	1083.1	1233.0	1318.8
55°	534.1	550.4	569.5	581.7	592.6	636.2	704.4	791.6	918.3	1060.0	1166.2
57.5°	475.5	482.3	498.6	505.5	517.7	553.1	602.2	679.8	782.0	919.6	1006.8
60°	411.4	425.1	437.3	442.8	452.3	476.8	510.9	583.1	671.7	772.5	871.9
62.5°	359.7	365.1	374.7	381.5	388.3	414.2	442.8	497.3	564.0	648.5	739.8
65°	312.0	314.7	320.2	329.7	333.8	352.9	369.2	408.7	471.4	535.4	626.7
67.5°	262.9	265.7	272.5	277.9	282.0	294.3	312.0	340.6	374.7	445.5	495.9
70°	224.8	224.8	228.9	231.6	235.7	241.1	250.7	272.5	303.8	348.8	395.1
72.5°	188.0	188.0	188.0	192.1	192.1	196.2	201.6	216.6	238.4	273.8	303.8
75°	145.8	147.1	149.9	149.9	151.2	156.7	160.8	164.9	175.8	198.9	226.2
77.5°	110.4	113.1	114.4	111.7	114.4	114.4	119.9	125.3	130.8	137.6	158.0
80°	81.7	83.1	80.4	81.7	81.7	84.5	87.2	85.8	88.6	96.7	102.2
82.5°	54.5	55.9	55.9	55.9	55.9	59.9	59.9	58.6	59.9	61.3	62.7
85°	34.1	32.7	32.7	34.1	32.7	32.7	34.1	35.4	34.1	35.4	36.8
87.5°	15.0	15.0	15.0	15.0	13.6	13.6	15.0	13.6	15.0	13.6	12.3
90°	10.3	10.1	10.0	9.9	9.7	9.2	8.7	8.3	7.8	7.2	6.5
92.5°	9.5	9.5	9.5	9.5	9.3	8.8	8.3	7.9	7.4	6.8	6.2
95°	10.1	10.0	9.9	9.9	9.7	9.2	8.7	8.3	7.8	7.7	7.6
97.5°	9.7	9.6	9.5	9.5	9.3	8.9	8.6	8.2	7.8	16.0	24.2
100°	9.7	9.6	9.5	9.5	10.2	11.5	12.8	14.2	15.5	26.3	37.1
102.5°	10.2	10.2	10.2	10.2	19.0	36.6	54.3	71.9	89.5	88.6	87.6
105°	106.0	108.9	111.7	113.1	112.8	112.1	111.4	110.7	110.0	109.6	109.2
107.5°	135.1	134.8	134.5	134.3	134.1	133.7	133.3	132.9	132.5	131.9	131.4
110°	156.7	156.5	156.2	156.1	156.0	155.9	155.7	155.6	155.4	154.9	154.5

TEST NUMBER: P1025989

CATALOG NUMBER: S124RDIP-B1020D365UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	178.1	177.8	177.5	177.3	177.3	177.4	177.5	177.5	177.6	177.4	177.3
115°	199.5	199.5	199.5	199.5	199.4	199.3	199.1	199.0	198.8	198.9	198.9
117.5°	221.0	221.0	221.0	221.0	221.0	221.1	221.2	221.2	221.3	221.1	220.9
120°	241.4	241.6	241.7	241.8	241.7	241.6	241.4	241.3	241.1	241.2	241.2
122.5°	261.1	261.3	261.4	261.5	261.5	261.4	261.3	261.2	261.1	260.9	260.8
125°	280.4	280.3	280.2	280.2	280.1	279.8	279.6	279.3	279.1	279.3	279.4
127.5°	297.9	298.0	298.1	298.1	298.1	298.2	298.3	298.4	298.5	298.1	297.7
130°	315.4	315.4	315.4	315.4	315.4	315.3	315.2	315.2	315.1	314.9	314.6
132.5°	331.8	331.9	332.0	332.0	332.0	331.9	331.8	331.7	331.6	331.3	331.0
135°	347.5	347.3	347.2	347.1	347.0	346.9	346.7	346.6	346.4	346.1	345.8
137.5°	361.7	361.8	361.9	361.9	361.8	361.7	361.5	361.4	361.2	360.8	360.4
140°	375.9	375.8	375.7	375.7	375.6	375.3	375.1	374.8	374.6	374.4	374.3
142.5°	388.0	388.0	388.0	388.0	387.9	387.8	387.6	387.5	387.3	387.2	387.2
145°	400.0	399.9	399.7	399.6	399.6	399.5	399.4	399.4	399.3	399.3	399.3
147.5°	410.4	410.3	410.2	410.2	410.2	410.1	410.0	410.0	409.9	410.0	410.0
150°	420.3	420.2	420.1	420.1	420.1	420.1	420.1	420.1	420.1	420.2	420.2
152.5°	429.1	429.2	429.3	429.3	429.2	429.0	428.9	428.7	428.5	428.7	428.9
155°	436.8	437.0	437.3	437.4	437.2	436.9	436.6	436.2	435.9	436.1	436.4
157.5°	443.4	443.8	444.2	444.4	444.2	443.8	443.4	443.0	442.6	442.9	443.3
160°	449.9	450.4	450.9	451.1	450.9	450.4	449.9	449.5	449.0	449.1	449.1
162.5°	455.0	455.6	456.1	456.4	456.2	455.7	455.2	454.8	454.3	454.4	454.4
165°	459.9	460.6	461.3	461.7	461.4	460.8	460.1	459.5	458.9	458.9	458.9
167.5°	463.6	464.4	465.2	465.6	465.2	464.5	463.8	463.1	462.4	462.5	462.5
170°	466.8	467.5	468.3	468.7	468.4	467.8	467.1	466.5	465.9	465.8	465.8
172.5°	468.7	469.5	470.4	470.8	470.5	469.9	469.2	468.6	468.0	467.9	467.9
175°	470.3	471.2	472.1	472.6	472.2	471.5	470.8	470.1	469.4	469.3	469.3
177.5°	471.0	471.9	472.8	473.3	473.0	472.4	471.7	471.1	470.5	470.3	470.2
180°	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2

TEST NUMBER: P1025989

CATALOG NUMBER: S124RDIP-B1020D365UB27-4FO-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7
2.5°	1734.3	1727.5	1723.4	1722.1	1709.8	1703.0	1698.9	1696.2	1692.1	1681.2	1671.7
5°	1799.7	1780.7	1771.1	1760.2	1741.2	1719.4	1701.6	1690.7	1677.1	1655.3	1634.9
7.5°	1861.0	1832.4	1813.4	1798.4	1765.7	1730.3	1701.6	1678.5	1652.6	1622.6	1594.0
10°	1925.1	1878.8	1854.2	1831.1	1783.4	1737.1	1696.2	1662.1	1625.3	1585.8	1554.5
12.5°	1975.5	1914.2	1886.9	1854.2	1795.6	1741.2	1689.4	1643.1	1595.4	1553.1	1508.2
15°	2034.1	1957.8	1926.4	1884.2	1803.8	1733.0	1666.2	1615.8	1566.8	1504.1	1456.4
17.5°	2068.1	1979.6	1934.6	1897.8	1810.6	1724.8	1647.1	1584.5	1527.3	1464.6	1414.2
20°	2102.2	2001.4	1951.0	1899.2	1795.6	1704.4	1622.6	1547.7	1487.7	1419.6	1367.9
22.5°	2113.1	1995.9	1942.8	1895.1	1786.1	1683.9	1589.9	1513.6	1444.1	1376.0	1317.4
25°	2113.1	1994.6	1931.9	1870.6	1756.1	1651.2	1557.2	1474.1	1396.5	1328.3	1269.8
27.5°	2091.3	1967.3	1901.9	1846.1	1727.5	1614.4	1517.7	1426.4	1351.5	1283.4	1216.6
30°	2064.0	1927.8	1862.4	1795.6	1681.2	1573.6	1468.7	1384.2	1305.2	1227.5	1167.6
32.5°	2030.0	1885.6	1813.4	1745.2	1624.0	1512.3	1415.5	1332.4	1257.5	1177.1	1110.4
35°	1980.9	1822.9	1742.5	1682.6	1565.4	1449.6	1357.0	1275.2	1203.0	1119.9	1047.7
37.5°	1918.3	1765.7	1683.9	1610.4	1489.1	1382.8	1295.6	1216.6	1145.8	1069.5	989.1
40°	1844.7	1685.3	1614.4	1536.8	1408.7	1307.9	1226.2	1155.3	1084.5	1012.3	934.6
42.5°	1761.6	1603.5	1524.5	1449.6	1327.0	1227.5	1151.2	1087.2	1021.8	955.0	871.9
45°	1662.1	1513.6	1437.3	1366.5	1248.0	1145.8	1076.3	1015.0	959.1	891.0	817.4
47.5°	1550.4	1421.0	1343.3	1267.0	1151.2	1062.7	994.6	942.8	895.1	827.0	760.2
50°	1441.4	1313.4	1250.7	1173.0	1066.8	983.7	914.2	870.6	833.8	767.0	707.1
52.5°	1303.8	1207.1	1147.1	1080.4	978.2	893.7	839.2	801.1	757.5	705.7	652.6
55°	1182.6	1092.6	1045.0	982.3	881.5	806.5	760.2	724.8	690.7	644.4	602.2
57.5°	1045.0	989.1	941.4	886.9	787.5	723.4	682.6	652.6	621.3	583.1	549.0
60°	900.5	874.7	828.3	784.7	700.3	644.4	610.4	583.1	553.1	521.8	493.2
62.5°	772.5	757.5	730.2	696.2	617.2	569.5	535.4	515.0	493.2	464.6	437.3
65°	651.2	644.4	618.5	594.0	539.5	497.3	467.3	455.0	430.5	408.7	384.2
67.5°	543.6	535.4	520.4	509.5	463.2	423.7	408.7	392.4	371.9	355.6	335.2
70°	434.6	433.2	423.7	410.1	385.6	356.9	342.0	331.1	310.6	298.4	283.4
72.5°	337.9	344.7	336.5	331.1	314.7	294.3	280.7	273.8	257.5	248.0	237.1
75°	252.0	257.5	261.6	252.0	248.0	238.4	226.2	219.3	211.2	197.5	193.5
77.5°	171.7	183.9	183.9	186.6	188.0	182.6	173.0	167.6	158.0	155.3	149.9
80°	113.1	124.0	125.3	128.1	132.2	132.2	125.3	124.0	114.4	113.1	109.0
82.5°	65.4	74.9	80.4	84.5	83.1	88.6	83.1	81.7	76.3	76.3	73.6
85°	35.4	36.8	39.5	42.2	45.0	47.7	47.7	46.3	45.0	43.6	40.9
87.5°	13.6	13.6	15.0	13.6	15.0	17.7	19.1	19.1	17.7	16.3	13.6
90°	5.9	5.2	4.9	4.5	3.6	2.8	1.9	1.1	1.9	2.8	3.6
92.5°	5.5	4.9	4.6	4.7	4.8	5.0	5.1	5.3	5.1	5.0	4.8
95°	7.5	7.4	7.4	8.7	11.4	14.1	16.7	19.4	16.7	14.1	11.4
97.5°	32.5	40.7	44.8	43.9	42.2	40.5	38.7	37.0	38.7	40.5	42.2
100°	47.9	58.7	64.1	63.4	62.0	60.6	59.2	57.8	59.2	60.6	62.0
102.5°	86.7	85.8	85.3	84.8	83.9	83.0	82.0	81.1	82.0	83.0	83.9
105°	108.8	108.4	108.2	108.0	107.5	107.0	106.6	106.1	106.6	107.0	107.5
107.5°	130.8	130.3	130.0	129.9	129.7	129.4	129.2	129.0	129.2	129.4	129.7
110°	154.0	153.5	153.3	153.2	152.9	152.7	152.4	152.2	152.4	152.7	152.9

TEST NUMBER: P1025989

CATALOG NUMBER: S124RDIP-B1020D365UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	177.1	177.0	176.9	176.7	176.2	175.7	175.3	174.8	175.3	175.7	176.2
115°	199.0	199.1	199.1	199.0	198.8	198.5	198.3	198.1	198.3	198.5	198.8
117.5°	220.6	220.4	220.3	220.1	219.8	219.5	219.2	218.9	219.2	219.5	219.8
120°	241.3	241.4	241.4	241.2	240.9	240.6	240.3	240.0	240.3	240.6	240.9
122.5°	260.6	260.5	260.4	260.3	260.2	260.0	259.9	259.7	259.9	260.0	260.2
125°	279.6	279.7	279.8	279.6	279.3	279.0	278.7	278.4	278.7	279.0	279.3
127.5°	297.3	296.9	296.7	296.7	296.6	296.5	296.5	296.4	296.5	296.5	296.6
130°	314.4	314.1	314.0	314.0	313.9	313.8	313.8	313.7	313.8	313.8	313.9
132.5°	330.7	330.4	330.2	330.1	330.0	329.8	329.7	329.5	329.7	329.8	330.0
135°	345.5	345.2	345.0	345.0	345.1	345.2	345.3	345.4	345.3	345.2	345.1
137.5°	360.1	359.7	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5
140°	374.1	374.0	373.9	373.8	373.7	373.5	373.4	373.2	373.4	373.5	373.7
142.5°	387.1	387.0	387.0	386.8	386.5	386.2	385.9	385.6	385.9	386.2	386.5
145°	399.3	399.3	399.3	399.2	398.9	398.7	398.4	398.2	398.4	398.7	398.9
147.5°	410.1	410.2	410.2	410.0	409.5	409.0	408.6	408.1	408.6	409.0	409.5
150°	420.3	420.4	420.4	420.2	419.9	419.6	419.3	419.0	419.3	419.6	419.9
152.5°	429.0	429.2	429.3	429.2	428.9	428.7	428.4	428.2	428.4	428.7	428.9
155°	436.6	436.9	437.0	437.0	436.9	436.8	436.8	436.7	436.8	436.8	436.9
157.5°	443.6	443.9	444.1	444.1	444.1	444.1	444.1	444.1	444.1	444.1	444.1
160°	449.2	449.3	449.3	449.4	449.7	449.9	450.2	450.4	450.2	449.9	449.7
162.5°	454.5	454.6	454.6	454.8	455.1	455.4	455.7	456.0	455.7	455.4	455.1
165°	458.9	458.9	458.9	459.1	459.5	459.8	460.2	460.6	460.2	459.8	459.5
167.5°	462.6	462.7	462.7	462.9	463.3	463.7	464.1	464.5	464.1	463.7	463.3
170°	465.7	465.6	465.6	465.8	466.3	466.8	467.2	467.7	467.2	466.8	466.3
172.5°	467.8	467.7	467.7	467.9	468.4	468.9	469.3	469.8	469.3	468.9	468.4
175°	469.2	469.1	469.1	469.3	469.8	470.3	470.7	471.2	470.7	470.3	469.8
177.5°	470.0	469.9	469.8	470.1	470.6	471.1	471.7	472.2	471.7	471.1	470.6
180°	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2

TEST NUMBER: P1025989

CATALOG NUMBER: S124RDIP-B1020D365UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7
2.5°	1663.5	1660.8	1658.0	1647.1	1637.6	1621.3	1607.6	1602.2	1600.8	1602.2	1598.1
5°	1615.8	1614.4	1604.9	1585.8	1568.1	1549.1	1535.4	1521.8	1513.6	1513.6	1504.1
7.5°	1570.9	1561.3	1553.1	1528.6	1508.2	1482.3	1461.9	1449.6	1442.8	1427.8	1427.8
10°	1523.2	1509.5	1498.6	1475.5	1445.5	1419.6	1393.7	1378.8	1366.5	1355.6	1351.5
12.5°	1475.5	1464.6	1444.1	1419.6	1389.7	1357.0	1329.7	1318.8	1290.2	1267.0	1268.4
15°	1430.5	1406.0	1396.5	1361.0	1325.6	1294.3	1254.8	1223.4	1200.3	1185.3	1166.2
17.5°	1380.1	1355.6	1337.9	1307.9	1261.6	1212.5	1174.4	1132.2	1109.0	1083.1	1070.8
20°	1324.3	1303.8	1290.2	1242.5	1186.7	1128.1	1085.8	1060.0	1034.1	1015.0	1004.1
22.5°	1276.6	1250.7	1234.3	1170.3	1109.0	1050.4	1017.7	995.9	974.1	957.8	952.3
25°	1215.3	1200.3	1160.8	1104.9	1030.0	990.5	961.9	933.2	921.0	910.1	897.8
27.5°	1164.9	1128.1	1100.8	1027.3	980.9	936.0	907.4	885.6	870.6	859.7	850.1
30°	1102.2	1068.1	1030.0	968.7	926.4	884.2	858.3	840.6	824.3	817.4	809.3
32.5°	1036.8	1005.5	968.7	919.6	867.9	835.2	814.7	795.6	784.7	777.9	768.4
35°	978.2	938.7	914.2	867.9	825.6	788.8	769.8	753.4	741.1	738.4	737.1
37.5°	915.5	885.6	862.4	814.7	779.3	748.0	730.2	712.5	705.7	704.4	698.9
40°	861.0	835.2	813.4	768.4	730.2	701.6	688.0	677.1	670.3	670.3	668.9
42.5°	813.4	786.1	764.3	723.4	689.4	663.5	648.5	637.6	634.9	636.2	634.9
45°	760.2	737.1	715.3	673.0	644.4	625.3	609.0	603.5	599.5	600.8	602.2
47.5°	709.8	690.7	668.9	634.9	602.2	581.7	572.2	566.8	566.8	566.8	569.5
50°	664.9	643.1	624.0	588.6	558.6	542.2	534.1	527.3	528.6	530.0	531.3
52.5°	611.7	592.6	579.0	543.6	521.8	501.4	491.8	493.2	491.8	491.8	494.6
55°	565.4	546.3	532.7	500.0	478.2	464.6	456.4	452.3	453.7	451.0	456.4
57.5°	513.6	497.3	487.7	456.4	437.3	425.1	418.3	411.4	414.2	412.8	411.4
60°	468.7	449.6	434.6	412.8	396.5	381.5	377.4	370.6	373.3	370.6	369.2
62.5°	416.9	401.9	391.0	369.2	355.6	343.3	333.8	329.7	328.3	324.3	320.2
65°	365.1	356.9	346.1	324.3	310.6	301.1	295.6	291.6	290.2	279.3	267.0
67.5°	317.4	312.0	301.1	284.7	272.5	262.9	254.8	248.0	239.8	231.6	224.8
70°	272.5	264.3	257.5	242.5	231.6	222.1	213.9	205.7	201.6	193.5	190.7
72.5°	228.9	220.7	213.9	200.3	190.7	181.2	178.5	168.9	164.9	163.5	163.5
75°	183.9	177.1	173.0	160.8	152.6	145.8	141.7	139.0	136.2	133.5	129.4
77.5°	140.3	136.2	133.5	125.3	118.5	114.4	113.1	103.5	100.8	98.1	95.4
80°	102.2	100.8	98.1	91.3	88.6	79.0	79.0	76.3	74.9	74.9	74.9
82.5°	69.5	66.8	65.4	58.6	57.2	55.9	54.5	53.1	54.5	53.1	54.5
85°	36.8	35.4	34.1	34.1	34.1	34.1	34.1	34.1	34.1	32.7	34.1
87.5°	13.6	13.6	13.6	13.6	12.3	13.6	13.6	12.3	13.6	13.6	13.6
90°	4.5	4.9	5.2	5.9	6.5	7.2	7.8	8.3	8.7	9.2	9.7
92.5°	4.7	4.6	4.9	5.5	6.2	6.8	7.4	7.9	8.3	8.8	9.3
95°	8.7	7.4	7.4	7.5	7.6	7.7	7.8	8.3	8.7	9.2	9.7
97.5°	43.9	44.8	40.7	32.5	24.2	16.0	7.8	8.2	8.6	8.9	9.3
100°	63.4	64.1	58.7	47.9	37.1	26.3	15.5	14.2	12.8	11.5	10.2
102.5°	84.8	85.3	85.8	86.7	87.6	88.6	89.5	71.9	54.3	36.6	19.0
105°	108.0	108.2	108.4	108.8	109.2	109.6	110.0	110.7	111.4	112.1	112.8
107.5°	129.9	130.0	130.3	130.8	131.4	131.9	132.5	132.9	133.3	133.7	134.1
110°	153.2	153.3	153.5	154.0	154.5	154.9	155.4	155.6	155.7	155.9	156.0

TEST NUMBER: P1025989

CATALOG NUMBER: S124RDIP-B1020D365UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	176.7	176.9	177.0	177.1	177.3	177.4	177.6	177.5	177.5	177.4	177.3
115°	199.0	199.1	199.1	199.0	198.9	198.9	198.8	199.0	199.1	199.3	199.4
117.5°	220.1	220.3	220.4	220.6	220.9	221.1	221.3	221.2	221.2	221.1	221.0
120°	241.2	241.4	241.4	241.3	241.2	241.2	241.1	241.3	241.4	241.6	241.7
122.5°	260.3	260.4	260.5	260.6	260.8	260.9	261.1	261.2	261.3	261.4	261.5
125°	279.6	279.8	279.7	279.6	279.4	279.3	279.1	279.3	279.6	279.8	280.1
127.5°	296.7	296.7	296.9	297.3	297.7	298.1	298.5	298.4	298.3	298.2	298.1
130°	314.0	314.0	314.1	314.4	314.6	314.9	315.1	315.2	315.2	315.3	315.4
132.5°	330.1	330.2	330.4	330.7	331.0	331.3	331.6	331.7	331.8	331.9	332.0
135°	345.0	345.0	345.2	345.5	345.8	346.1	346.4	346.6	346.7	346.9	347.0
137.5°	359.5	359.5	359.7	360.1	360.4	360.8	361.2	361.4	361.5	361.7	361.8
140°	373.8	373.9	374.0	374.1	374.3	374.4	374.6	374.8	375.1	375.3	375.6
142.5°	386.8	387.0	387.0	387.1	387.2	387.2	387.3	387.5	387.6	387.8	387.9
145°	399.2	399.3	399.3	399.3	399.3	399.3	399.3	399.4	399.4	399.5	399.6
147.5°	410.0	410.2	410.2	410.1	410.0	410.0	409.9	410.0	410.0	410.1	410.2
150°	420.2	420.4	420.4	420.3	420.2	420.2	420.1	420.1	420.1	420.1	420.1
152.5°	429.2	429.3	429.2	429.0	428.9	428.7	428.5	428.7	428.9	429.0	429.2
155°	437.0	437.0	436.9	436.6	436.4	436.1	435.9	436.2	436.6	436.9	437.2
157.5°	444.1	444.1	443.9	443.6	443.3	442.9	442.6	443.0	443.4	443.8	444.2
160°	449.4	449.3	449.3	449.2	449.1	449.1	449.0	449.5	449.9	450.4	450.9
162.5°	454.8	454.6	454.6	454.5	454.4	454.4	454.3	454.8	455.2	455.7	456.2
165°	459.1	458.9	458.9	458.9	458.9	458.9	458.9	459.5	460.1	460.8	461.4
167.5°	462.9	462.7	462.7	462.6	462.5	462.5	462.4	463.1	463.8	464.5	465.2
170°	465.8	465.6	465.6	465.7	465.8	465.8	465.9	466.5	467.1	467.8	468.4
172.5°	467.9	467.7	467.7	467.8	467.9	467.9	468.0	468.6	469.2	469.9	470.5
175°	469.3	469.1	469.1	469.2	469.3	469.3	469.4	470.1	470.8	471.5	472.2
177.5°	470.1	469.8	469.9	470.0	470.2	470.3	470.5	471.1	471.7	472.4	473.0
180°	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2

TEST NUMBER: P1025989

CATALOG NUMBER: S124RDIP-B1020D365UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7
2.5°	1598.1	1603.5	1596.7	1600.8	1591.3	1589.9	1591.3	1591.3	1592.6	1594.0	1595.4
5°	1508.2	1506.8	1498.6	1493.2	1489.1	1493.2	1495.9	1498.6	1495.9	1498.6	1500.0
7.5°	1423.7	1419.6	1415.5	1406.0	1408.7	1406.0	1414.2	1410.1	1410.1	1416.9	1422.3
10°	1348.8	1340.6	1337.9	1327.0	1318.8	1317.4	1327.0	1331.1	1335.2	1337.9	1348.8
12.5°	1252.0	1239.8	1230.3	1234.3	1211.2	1220.7	1223.4	1218.0	1234.3	1253.4	1242.5
15°	1148.5	1149.9	1130.8	1124.0	1104.9	1110.4	1111.7	1125.3	1139.0	1137.6	1154.0
17.5°	1072.2	1064.0	1047.7	1046.3	1038.2	1042.2	1040.9	1051.8	1047.7	1054.5	1068.1
20°	1001.4	995.9	982.3	976.8	979.6	976.8	978.2	979.6	983.7	998.6	995.9
22.5°	945.5	938.7	938.7	931.9	923.7	921.0	927.8	931.9	937.3	940.1	946.9
25°	896.5	891.0	884.2	880.1	873.3	874.7	878.8	884.2	888.3	893.7	899.2
27.5°	846.1	846.1	839.2	837.9	835.2	833.8	839.2	842.0	842.0	846.1	851.5
30°	806.5	806.5	799.7	798.4	797.0	797.0	801.1	802.5	803.8	807.9	810.6
32.5°	768.4	767.0	764.3	765.7	764.3	765.7	765.7	767.0	769.8	771.1	776.6
35°	733.0	734.3	731.6	731.6	730.2	731.6	734.3	735.7	737.1	739.8	739.8
37.5°	698.9	701.6	700.3	704.4	704.4	704.4	704.4	707.1	707.1	707.1	705.7
40°	668.9	668.9	667.6	670.3	673.0	673.0	674.4	674.4	675.8	675.8	674.4
42.5°	634.9	637.6	641.7	643.1	645.8	644.4	648.5	647.1	648.5	645.8	643.1
45°	603.5	603.5	609.0	614.4	615.8	615.8	615.8	618.5	615.8	611.7	610.4
47.5°	569.5	572.2	574.9	581.7	583.1	583.1	583.1	583.1	580.4	580.4	580.4
50°	535.4	536.8	538.1	540.9	545.0	543.6	543.6	543.6	549.0	543.6	545.0
52.5°	494.6	495.9	497.3	502.7	501.4	501.4	502.7	502.7	506.8	505.5	502.7
55°	453.7	453.7	456.4	456.4	456.4	459.1	460.5	463.2	461.9	463.2	464.6
57.5°	412.8	410.1	408.7	408.7	412.8	411.4	412.8	412.8	418.3	421.0	422.3
60°	365.1	365.1	363.8	355.6	355.6	354.2	358.3	361.0	363.8	376.0	374.7
62.5°	316.1	310.6	305.2	306.5	298.4	302.5	299.7	302.5	310.6	320.2	321.5
65°	267.0	262.9	257.5	256.1	253.4	257.5	256.1	257.5	261.6	267.0	273.8
67.5°	223.4	222.1	219.3	218.0	218.0	218.0	220.7	220.7	222.1	226.2	230.2
70°	190.7	189.4	190.7	188.0	189.4	188.0	189.4	190.7	192.1	193.5	197.5
72.5°	160.8	160.8	160.8	158.0	160.8	159.4	159.4	160.8	162.1	163.5	166.2
75°	128.1	125.3	122.6	119.9	118.5	121.3	122.6	121.3	125.3	130.8	130.8
77.5°	96.7	95.4	95.4	95.4	96.7	95.4	98.1	96.7	98.1	98.1	100.8
80°	74.9	73.6	74.9	74.9	73.6	76.3	74.9	74.9	76.3	77.7	76.3
82.5°	54.5	55.9	54.5	54.5	54.5	57.2	54.5	54.5	54.5	55.9	55.9
85°	34.1	34.1	34.1	34.1	35.4	34.1	35.4	34.1	36.8	35.4	35.4
87.5°	12.3	13.6	15.0	15.0	15.0	15.0	13.6	15.0	16.3	15.0	16.3
90°	9.9	10.0	10.1	10.3	10.4	10.6	10.4	10.3	10.1	10.0	9.9
92.5°	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
95°	9.9	9.9	10.0	10.1	10.1	10.2	10.1	10.1	10.0	9.9	9.9
97.5°	9.5	9.5	9.6	9.7	9.8	9.9	9.8	9.7	9.6	9.5	9.5
100°	9.5	9.5	9.6	9.7	9.8	9.9	9.8	9.7	9.6	9.5	9.5
102.5°	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
105°	113.1	111.7	108.9	106.0	103.2	100.4	103.2	106.0	108.9	111.7	113.1
107.5°	134.3	134.5	134.8	135.1	135.4	135.7	135.4	135.1	134.8	134.5	134.3
110°	156.1	156.2	156.5	156.7	157.0	157.2	157.0	156.7	156.5	156.2	156.1

TEST NUMBER: P1025989

CATALOG NUMBER: S124RDIP-B1020D365UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	177.3	177.5	177.8	178.1	178.4	178.7	178.4	178.1	177.8	177.5	177.3
115°	199.5	199.5	199.5	199.5	199.5	199.5	199.5	199.5	199.5	199.5	199.5
117.5°	221.0	221.0	221.0	221.0	221.0	221.0	221.0	221.0	221.0	221.0	221.0
120°	241.8	241.7	241.6	241.4	241.3	241.1	241.3	241.4	241.6	241.7	241.8
122.5°	261.5	261.4	261.3	261.1	261.0	260.8	261.0	261.1	261.3	261.4	261.5
125°	280.2	280.2	280.3	280.4	280.4	280.5	280.4	280.4	280.3	280.2	280.2
127.5°	298.1	298.1	298.0	297.9	297.9	297.8	297.9	297.9	298.0	298.1	298.1
130°	315.4	315.4	315.4	315.4	315.4	315.4	315.4	315.4	315.4	315.4	315.4
132.5°	332.0	332.0	331.9	331.8	331.7	331.6	331.7	331.8	331.9	332.0	332.0
135°	347.1	347.2	347.3	347.5	347.6	347.8	347.6	347.5	347.3	347.2	347.1
137.5°	361.9	361.9	361.8	361.7	361.7	361.6	361.7	361.7	361.8	361.9	361.9
140°	375.7	375.7	375.8	375.9	375.9	376.0	375.9	375.9	375.8	375.7	375.7
142.5°	388.0	388.0	388.0	388.0	388.0	388.0	388.0	388.0	388.0	388.0	388.0
145°	399.6	399.7	399.9	400.0	400.2	400.4	400.2	400.0	399.9	399.7	399.6
147.5°	410.2	410.2	410.3	410.4	410.5	410.6	410.5	410.4	410.3	410.2	410.2
150°	420.1	420.1	420.2	420.3	420.3	420.4	420.3	420.3	420.2	420.1	420.1
152.5°	429.3	429.3	429.2	429.1	429.0	428.9	429.0	429.1	429.2	429.3	429.3
155°	437.4	437.3	437.0	436.8	436.5	436.3	436.5	436.8	437.0	437.3	437.4
157.5°	444.4	444.2	443.8	443.4	443.0	442.6	443.0	443.4	443.8	444.2	444.4
160°	451.1	450.9	450.4	449.9	449.5	449.0	449.5	449.9	450.4	450.9	451.1
162.5°	456.4	456.1	455.6	455.0	454.5	453.9	454.5	455.0	455.6	456.1	456.4
165°	461.7	461.3	460.6	459.9	459.2	458.5	459.2	459.9	460.6	461.3	461.7
167.5°	465.6	465.2	464.4	463.6	462.8	462.0	462.8	463.6	464.4	465.2	465.6
170°	468.7	468.3	467.5	466.8	466.0	465.2	466.0	466.8	467.5	468.3	468.7
172.5°	470.8	470.4	469.5	468.7	467.8	467.0	467.8	468.7	469.5	470.4	470.8
175°	472.6	472.1	471.2	470.3	469.3	468.4	469.3	470.3	471.2	472.1	472.6
177.5°	473.3	472.8	471.9	471.0	470.0	469.1	470.0	471.0	471.9	472.8	473.3
180°	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2

TEST NUMBER: P1025989

CATALOG NUMBER: S124RDIP-B1020D365UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7
2.5°	1600.8	1607.6	1604.9	1595.4	1599.5	1607.6	1615.8	1626.7	1633.5	1639.0	1641.7
5°	1506.8	1519.1	1516.4	1516.4	1521.8	1535.4	1549.1	1572.2	1580.4	1589.9	1603.5
7.5°	1423.7	1433.2	1441.4	1444.1	1452.3	1470.0	1487.7	1513.6	1534.1	1545.0	1553.1
10°	1350.1	1357.0	1369.2	1376.0	1384.2	1406.0	1431.9	1459.1	1479.6	1498.6	1509.5
12.5°	1256.1	1283.4	1299.7	1310.6	1321.5	1354.2	1374.7	1404.6	1429.2	1446.9	1463.2
15°	1151.2	1183.9	1193.5	1235.7	1262.9	1288.8	1320.2	1355.6	1378.8	1399.2	1421.0
17.5°	1062.7	1085.8	1096.7	1141.7	1164.9	1205.7	1250.7	1295.6	1331.1	1346.1	1367.9
20°	1006.8	1019.1	1040.9	1055.9	1080.4	1128.1	1177.1	1231.6	1284.7	1299.7	1321.5
22.5°	949.6	965.9	980.9	1001.4	1020.4	1053.1	1102.2	1162.1	1219.4	1246.6	1272.5
25°	897.8	914.2	923.7	945.5	963.2	995.9	1030.0	1091.3	1159.4	1182.6	1223.4
27.5°	857.0	866.5	882.8	892.4	912.8	942.8	974.1	1020.4	1087.2	1126.7	1166.2
30°	816.1	822.9	836.5	850.1	865.1	885.6	921.0	965.9	1027.3	1061.3	1100.8
32.5°	775.2	786.1	794.3	803.8	820.2	844.7	869.2	912.8	961.9	1000.0	1039.5
35°	741.1	745.2	756.1	767.0	777.9	799.7	825.6	867.9	911.4	941.4	976.8
37.5°	704.4	711.2	719.3	723.4	741.1	754.8	782.0	814.7	866.5	885.6	921.0
40°	675.8	674.4	682.6	689.4	697.6	719.3	735.7	771.1	812.0	842.0	863.8
42.5°	640.3	640.3	643.1	651.2	662.1	675.8	694.8	724.8	767.0	788.8	814.7
45°	611.7	607.6	609.0	614.4	621.3	634.9	654.0	679.8	722.1	739.8	767.0
47.5°	577.7	573.6	573.6	579.0	584.5	594.0	609.0	639.0	673.0	696.2	716.6
50°	539.5	540.9	539.5	543.6	546.3	555.9	572.2	596.7	628.1	647.1	670.3
52.5°	504.1	501.4	500.0	502.7	508.2	515.0	532.7	554.5	584.5	603.5	624.0
55°	460.5	463.2	463.2	463.2	471.4	474.1	487.7	509.5	539.5	554.5	573.6
57.5°	421.0	419.6	422.3	421.0	427.8	437.3	448.2	464.6	494.6	509.5	527.3
60°	377.4	378.7	380.1	380.1	385.6	395.1	407.4	422.3	446.9	461.9	478.2
62.5°	324.3	331.1	337.9	340.6	348.8	355.6	363.8	380.1	401.9	412.8	427.8
65°	273.8	283.4	292.9	299.7	305.2	312.0	322.9	337.9	355.6	366.5	381.5
67.5°	230.2	237.1	249.3	256.1	267.0	275.2	282.0	294.3	316.1	320.2	332.4
70°	198.9	201.6	207.1	212.5	224.8	231.6	239.8	252.0	268.4	277.9	284.7
72.5°	167.6	168.9	171.7	177.1	182.6	190.7	200.3	211.2	226.2	230.2	239.8
75°	133.5	141.7	141.7	145.8	149.9	154.0	162.1	173.0	182.6	189.4	194.8
77.5°	99.5	103.5	106.3	113.1	118.5	122.6	128.1	136.2	141.7	147.1	151.2
80°	77.7	79.0	80.4	80.4	83.1	88.6	94.0	99.5	106.3	109.0	113.1
82.5°	57.2	57.2	57.2	59.9	61.3	62.7	62.7	65.4	72.2	74.9	79.0
85°	36.8	36.8	36.8	36.8	38.1	39.5	40.9	42.2	42.2	42.2	45.0
87.5°	15.0	17.7	16.3	17.7	17.7	17.7	17.7	19.1	19.1	20.4	20.4
90°	9.7	9.2	8.7	8.3	7.8	7.2	6.5	5.9	5.2	4.9	4.5
92.5°	9.3	8.8	8.3	7.9	7.4	6.8	6.2	5.5	4.9	4.6	4.7
95°	9.7	9.2	8.7	8.3	7.8	7.7	7.6	7.5	7.4	7.4	8.7
97.5°	9.3	8.9	8.6	8.2	7.8	16.0	24.2	32.5	40.7	44.8	43.9
100°	10.2	11.5	12.8	14.2	15.5	26.3	37.1	47.9	58.7	64.1	63.4
102.5°	19.0	36.6	54.3	71.9	89.5	88.6	87.6	86.7	85.8	85.3	84.8
105°	112.8	112.1	111.4	110.7	110.0	109.6	109.2	108.8	108.4	108.2	108.0
107.5°	134.1	133.7	133.3	132.9	132.5	131.9	131.4	130.8	130.3	130.0	129.9
110°	156.0	155.9	155.7	155.6	155.4	154.9	154.5	154.0	153.5	153.3	153.2

TEST NUMBER: P1025989

CATALOG NUMBER: S124RDIP-B1020D365UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	177.3	177.4	177.5	177.5	177.6	177.4	177.3	177.1	177.0	176.9	176.7
115°	199.4	199.3	199.1	199.0	198.8	198.9	198.9	199.0	199.1	199.1	199.0
117.5°	221.0	221.1	221.2	221.2	221.3	221.1	220.9	220.6	220.4	220.3	220.1
120°	241.7	241.6	241.4	241.3	241.1	241.2	241.2	241.3	241.4	241.4	241.2
122.5°	261.5	261.4	261.3	261.2	261.1	260.9	260.8	260.6	260.5	260.4	260.3
125°	280.1	279.8	279.6	279.3	279.1	279.3	279.4	279.6	279.7	279.8	279.6
127.5°	298.1	298.2	298.3	298.4	298.5	298.1	297.7	297.3	296.9	296.7	296.7
130°	315.4	315.3	315.2	315.2	315.1	314.9	314.6	314.4	314.1	314.0	314.0
132.5°	332.0	331.9	331.8	331.7	331.6	331.3	331.0	330.7	330.4	330.2	330.1
135°	347.0	346.9	346.7	346.6	346.4	346.1	345.8	345.5	345.2	345.0	345.0
137.5°	361.8	361.7	361.5	361.4	361.2	360.8	360.4	360.1	359.7	359.5	359.5
140°	375.6	375.3	375.1	374.8	374.6	374.4	374.3	374.1	374.0	373.9	373.8
142.5°	387.9	387.8	387.6	387.5	387.3	387.2	387.2	387.1	387.0	387.0	386.8
145°	399.6	399.5	399.4	399.4	399.3	399.3	399.3	399.3	399.3	399.3	399.2
147.5°	410.2	410.1	410.0	410.0	409.9	410.0	410.0	410.1	410.2	410.2	410.0
150°	420.1	420.1	420.1	420.1	420.1	420.2	420.2	420.3	420.4	420.4	420.2
152.5°	429.2	429.0	428.9	428.7	428.5	428.7	428.9	429.0	429.2	429.3	429.2
155°	437.2	436.9	436.6	436.2	435.9	436.1	436.4	436.6	436.9	437.0	437.0
157.5°	444.2	443.8	443.4	443.0	442.6	442.9	443.3	443.6	443.9	444.1	444.1
160°	450.9	450.4	449.9	449.5	449.0	449.1	449.1	449.2	449.3	449.3	449.4
162.5°	456.2	455.7	455.2	454.8	454.3	454.4	454.4	454.5	454.6	454.6	454.8
165°	461.4	460.8	460.1	459.5	458.9	458.9	458.9	458.9	458.9	458.9	459.1
167.5°	465.2	464.5	463.8	463.1	462.4	462.5	462.5	462.6	462.7	462.7	462.9
170°	468.4	467.8	467.1	466.5	465.9	465.8	465.8	465.7	465.6	465.6	465.8
172.5°	470.5	469.9	469.2	468.6	468.0	467.9	467.9	467.8	467.7	467.7	467.9
175°	472.2	471.5	470.8	470.1	469.4	469.3	469.3	469.2	469.1	469.1	469.3
177.5°	473.0	472.4	471.7	471.1	470.5	470.3	470.2	470.0	469.9	469.8	470.1
180°	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2

TEST NUMBER: P1025989

CATALOG NUMBER: S124RDIP-B1020D365UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1690.7	1690.7	1690.7	1690.7
2.5°	1652.6	1660.8	1674.4	1693.5
5°	1614.4	1637.6	1659.4	1688.0
7.5°	1580.4	1607.6	1637.6	1678.5
10°	1540.9	1574.9	1613.1	1663.5
12.5°	1494.6	1542.2	1585.8	1640.3
15°	1460.5	1495.9	1551.8	1615.8
17.5°	1412.8	1460.5	1516.4	1588.6
20°	1367.9	1418.3	1480.9	1555.9
22.5°	1320.2	1377.4	1440.1	1520.4
25°	1271.1	1332.4	1395.1	1480.9
27.5°	1226.2	1282.0	1352.9	1440.1
30°	1171.7	1235.7	1303.8	1395.1
32.5°	1118.5	1185.3	1254.8	1346.1
35°	1061.3	1128.1	1204.4	1291.6
37.5°	1005.5	1079.0	1148.5	1233.0
40°	944.1	1020.4	1092.6	1178.5
42.5°	884.2	963.2	1035.4	1109.0
45°	828.3	906.0	971.4	1040.9
47.5°	775.2	844.7	911.4	974.1
50°	723.4	782.0	843.3	895.1
52.5°	668.9	724.8	773.8	820.2
55°	619.9	663.5	707.1	749.3
57.5°	561.3	604.9	643.1	675.8
60°	512.3	539.5	576.3	610.4
62.5°	456.4	487.7	516.4	538.1
65°	401.9	429.2	451.0	470.0
67.5°	355.6	371.9	388.3	408.7
70°	299.7	313.4	332.4	347.4
72.5°	252.0	262.9	272.5	290.2
75°	204.4	213.9	219.3	235.7
77.5°	158.0	167.6	171.7	181.2
80°	121.3	122.6	128.1	136.2
82.5°	83.1	85.8	87.2	94.0
85°	47.7	54.5	53.1	55.9
87.5°	20.4	21.8	24.5	27.2
90°	3.6	2.8	1.9	1.1
92.5°	4.8	5.0	5.1	5.3
95°	11.4	14.1	16.7	19.4
97.5°	42.2	40.5	38.7	37.0
100°	62.0	60.6	59.2	57.8
102.5°	83.9	83.0	82.0	81.1
105°	107.5	107.0	106.6	106.1
107.5°	129.7	129.4	129.2	129.0
110°	152.9	152.7	152.4	152.2

TEST NUMBER: P1025989

CATALOG NUMBER: S124RDIP-B1020D365UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	176.2	175.7	175.3	174.8
115°	198.8	198.5	198.3	198.1
117.5°	219.8	219.5	219.2	218.9
120°	240.9	240.6	240.3	240.0
122.5°	260.2	260.0	259.9	259.7
125°	279.3	279.0	278.7	278.4
127.5°	296.6	296.5	296.5	296.4
130°	313.9	313.8	313.8	313.7
132.5°	330.0	329.8	329.7	329.5
135°	345.1	345.2	345.3	345.4
137.5°	359.5	359.5	359.5	359.5
140°	373.7	373.5	373.4	373.2
142.5°	386.5	386.2	385.9	385.6
145°	398.9	398.7	398.4	398.2
147.5°	409.5	409.0	408.6	408.1
150°	419.9	419.6	419.3	419.0
152.5°	428.9	428.7	428.4	428.2
155°	436.9	436.8	436.8	436.7
157.5°	444.1	444.1	444.1	444.1
160°	449.7	449.9	450.2	450.4
162.5°	455.1	455.4	455.7	456.0
165°	459.5	459.8	460.2	460.6
167.5°	463.3	463.7	464.1	464.5
170°	466.3	466.8	467.2	467.7
172.5°	468.4	468.9	469.3	469.8
175°	469.8	470.3	470.7	471.2
177.5°	470.6	471.1	471.7	472.2
180°	471.2	471.2	471.2	471.2

(END OF REPORT)