

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: P1012233

Luminaire Tested: S123RDIP-B1000D805UB27-4F0-XX-W2A-A1

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1012233
REPORT IS A COMBINATION OF REPORTS P992880 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123RDIP-B1000D805UB27-4F0-XX-W2A-A1
Description: Define 3 Regressed Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473}
{m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

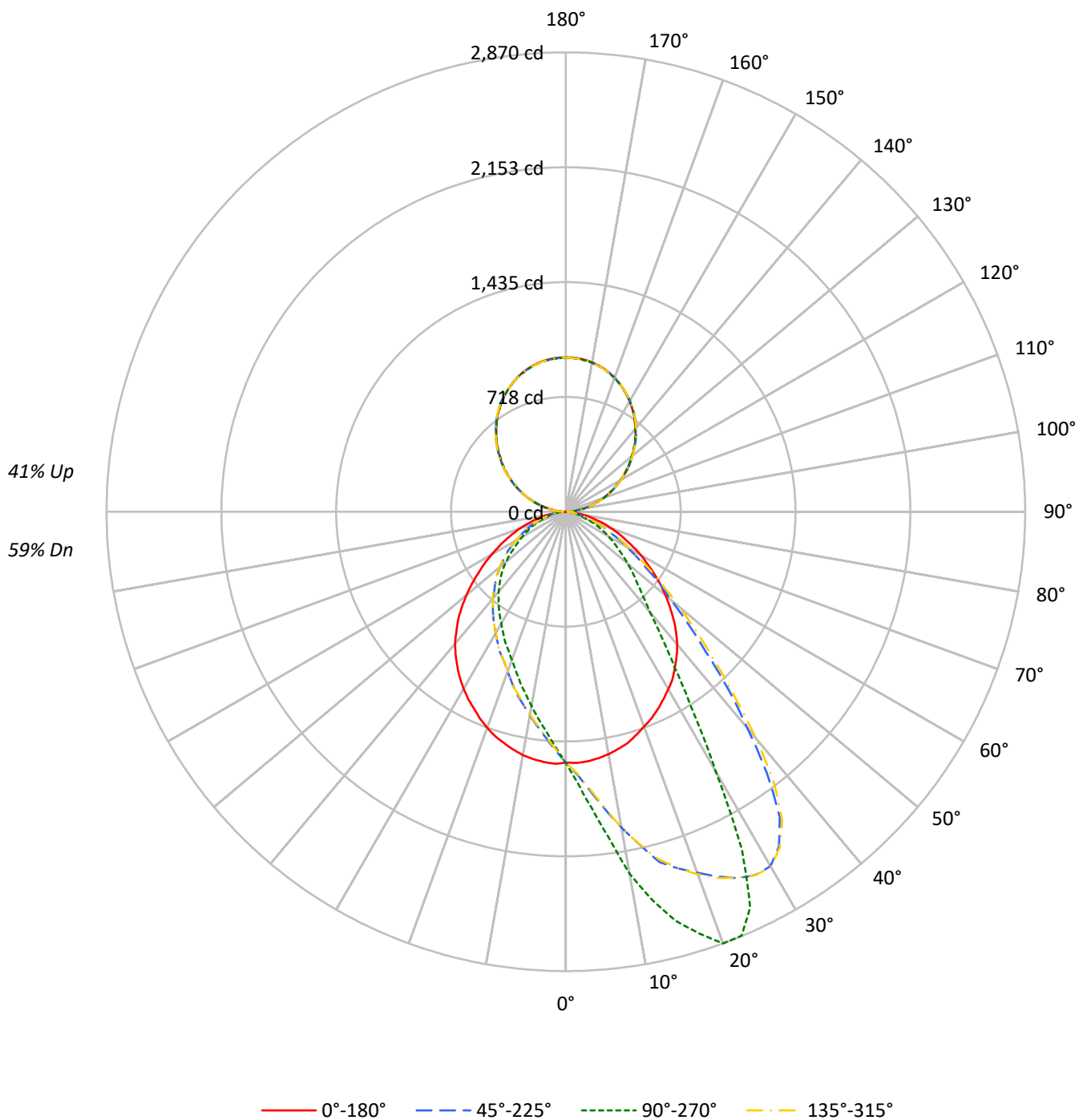
Lumens per Lamp: N/A
Luminaire Lumens: 6573.0 lumens
Efficiency: N/A
Efficacy: 96.8 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 67.9
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	109	109	109	109	102	102	102	102	89	89	89	76	76	76	65	65	65
1	101	96	93	89	94	90	87	84	79	76	74	68	66	65	58	57	56
2	92	85	79	74	86	80	75	70	70	66	63	61	58	55	52	50	48
3	85	75	68	63	79	71	65	60	62	57	53	54	51	48	47	44	42
4	78	67	60	54	72	63	56	51	56	50	46	49	45	41	42	39	37
5	72	60	52	47	67	57	50	44	50	45	40	44	40	36	38	35	32
6	66	54	46	41	62	51	44	39	46	40	36	40	36	32	35	32	29
7	61	49	42	36	57	47	40	35	42	36	32	37	32	29	32	29	26
8	57	45	37	32	53	43	36	31	38	32	28	34	29	26	30	26	23
9	53	41	34	29	50	39	32	28	35	29	26	31	27	23	28	24	21
10	50	38	31	26	47	36	29	25	32	27	23	29	24	21	26	22	19

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	16863	16863	16863	16863
5°	16876	19422	16919	14409
10°	16727	23445	16800	12585
15°	16554	26609	16554	11097
20°	16216	28701	16306	9844
25°	15967	27268	15936	8982
30°	15678	18893	15645	8139
35°	15329	12130	15261	7504
40°	14897	8566	14824	6872
45°	14143	6854	14123	6256
50°	13217	5735	13173	5536
55°	12176	4726	12078	4694
60°	11153	3907	11043	3992
65°	9955	3126	10020	3384
70°	8846	2173	9085	2735
75°	7501	1612	7806	2104
80°	5972	1068	6482	1578
85°	4255	505	4639	982

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 30°

Vertical Angle: 45°

Luminance: 22513 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	153.9	2.3
10°-20°	481.6	7.3
20°-30°	758.5	11.5
30°-40°	788.7	12.0
40°-50°	674.8	10.3
50°-60°	514.5	7.8
60°-70°	329.6	5.0
70°-80°	157.9	2.4
80°-90°	43.6	0.7
90°-100°	62.0	0.9
100°-110°	187.7	2.9
110°-120°	319.6	4.9
120°-130°	420.5	6.4
130°-140°	472.6	7.2
140°-150°	464.7	7.1
150°-160°	391.2	6.0
160°-170°	260.4	4.0
170°-180°	91.2	1.4
0°-30°	1394.0	21.2
0°-40°	2182.7	33.2
0°-60°	3372.0	51.3
0°-90°	3903.0	59.4
90°-120°	569.4	8.7
90°-150°	1927.2	29.3
90°-180°	2670.0	40.6
0°-180°	6573.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1567	1567	1567	1567	1567	
5°	1565	1860	1569	1380	1565	148
15°	1496	2644	1496	1102	1496	421
25°	1360	2724	1357	897	1360	626
35°	1187	1182	1182	731	1187	743
45°	952	630	951	575	952	733
55°	672	396	667	393	672	602
65°	412	228	414	247	412	411
75°	197	97	205	126	197	213
85°	44	23	48	44	44	49
90°	1	23	1	23	1	6
95°	45	59	45	59	45	49
105°	170	180	170	180	170	182
115°	322	322	322	322	322	318
125°	471	466	471	466	471	420
135°	611	610	611	610	611	471
145°	741	741	741	741	741	463
155°	848	847	848	847	848	391
165°	924	921	924	921	924	261
175°	961	958	961	958	961	91
180°	964	964	964	964	964	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6
2.5°	1570.7	1581.4	1589.4	1594.8	1608.2	1616.3	1623.0	1635.0	1635.0	1637.7	1643.1
5°	1565.3	1588.1	1604.2	1625.6	1653.8	1667.2	1686.0	1702.1	1724.9	1737.0	1749.0
7.5°	1553.2	1585.4	1618.9	1651.1	1692.7	1719.5	1738.3	1779.9	1809.4	1845.6	1873.8
10°	1537.1	1581.4	1624.3	1673.9	1730.3	1770.5	1798.7	1853.7	1910.0	1961.0	2003.9
12.5°	1517.0	1570.7	1632.4	1692.7	1771.8	1812.1	1857.7	1926.1	2006.6	2071.0	2128.6
15°	1495.5	1557.2	1627.0	1700.8	1800.0	1856.4	1922.1	2005.2	2095.1	2187.7	2266.8
17.5°	1462.0	1539.8	1617.6	1724.9	1841.6	1875.1	1931.5	2045.5	2156.8	2240.0	2336.5
20°	1428.5	1515.7	1613.6	1710.2	1836.2	1914.0	1966.3	2087.1	2206.4	2307.0	2399.6
22.5°	1397.6	1488.8	1590.8	1712.8	1830.9	1908.7	1974.4	2100.5	2238.6	2351.3	2465.3
25°	1360.1	1459.3	1572.0	1687.3	1830.9	1889.9	1962.3	2108.5	2254.7	2384.8	2525.7
27.5°	1319.8	1420.4	1531.8	1649.8	1781.2	1868.4	1939.5	2096.4	2274.8	2414.3	2559.2
30°	1279.6	1382.9	1490.2	1596.1	1743.7	1826.8	1908.7	2081.7	2285.6	2445.2	2556.5
32.5°	1240.7	1327.9	1433.8	1537.1	1683.3	1774.5	1867.1	2066.9	2289.6	2423.7	2477.4
35°	1187.0	1278.3	1364.1	1474.1	1621.6	1711.5	1820.1	2065.6	2272.2	2355.3	2328.5
37.5°	1137.4	1213.9	1295.7	1393.6	1545.2	1661.9	1774.5	2030.7	2214.5	2219.8	2068.3
40°	1082.4	1145.5	1213.9	1317.2	1480.8	1596.1	1718.2	1977.1	2109.9	2030.7	1763.8
42.5°	1019.4	1075.7	1129.4	1230.0	1408.4	1537.1	1668.6	1910.0	1958.3	1775.9	1498.2
45°	952.3	997.9	1047.6	1153.5	1331.9	1459.3	1590.8	1806.7	1757.1	1499.6	1235.3
47.5°	882.6	921.5	969.8	1066.3	1250.1	1380.2	1504.9	1659.2	1533.1	1256.8	1035.5
50°	812.8	843.7	890.6	989.9	1166.9	1285.0	1400.3	1500.9	1323.9	1078.4	855.7
52.5°	744.4	768.6	816.8	901.3	1073.0	1185.7	1268.9	1307.8	1128.0	890.6	743.1
55°	672.0	698.8	731.0	816.8	987.2	1070.4	1125.3	1124.0	938.9	755.1	614.3
57.5°	602.2	626.4	654.6	740.4	878.5	934.9	981.8	959.0	783.3	618.3	527.1
60°	540.5	554.0	584.8	657.2	761.9	810.1	837.0	798.1	639.8	521.8	435.9
62.5°	473.5	486.9	512.4	580.8	645.2	670.6	693.4	643.8	528.5	425.2	372.9
65°	411.8	429.2	445.3	500.3	535.2	566.0	563.3	521.8	413.1	346.1	303.1
67.5°	358.1	364.8	378.2	411.8	427.9	450.7	452.0	405.1	332.6	281.7	256.2
70°	300.4	307.2	316.5	332.6	343.4	348.7	346.1	304.5	250.8	220.0	197.2
72.5°	250.8	249.5	256.2	256.2	266.9	265.6	257.5	225.3	190.5	165.0	151.6
75°	197.2	198.5	199.9	197.2	193.1	187.8	181.1	156.9	134.1	122.1	110.0
77.5°	154.2	151.6	152.9	143.5	138.2	132.8	123.4	111.3	92.5	89.9	84.5
80°	110.0	108.6	107.3	103.3	91.2	85.8	79.1	72.4	68.4	65.7	64.4
82.5°	73.8	73.8	71.1	63.0	56.3	52.3	51.0	48.3	44.3	44.3	42.9
85°	44.3	42.9	40.2	32.2	28.2	28.2	28.2	28.2	25.5	25.5	24.1
87.5°	17.4	16.1	12.1	12.1	10.7	10.7	10.7	9.4	9.4	8.0	8.0
90°	0.8	2.5	4.1	5.8	7.5	8.3	9.4	11.6	13.8	16.0	18.2
92.5°	22.7	23.7	24.7	25.8	26.8	27.3	27.8	28.8	29.8	30.8	31.8
95°	44.7	45.9	47.1	48.2	49.4	50.0	50.7	52.0	53.3	54.7	56.0
97.5°	73.4	74.2	75.1	75.9	76.8	77.2	77.7	78.7	79.8	80.8	81.8
100°	102.9	103.9	104.9	106.0	107.0	107.5	107.9	108.8	109.6	110.5	111.3
102.5°	137.0	137.5	138.0	138.5	139.0	139.3	139.9	141.1	142.2	143.4	144.6
105°	170.3	170.6	171.0	171.3	171.6	171.8	172.6	174.1	175.6	177.1	178.6
107.5°	209.7	209.9	210.0	210.2	210.3	210.4	210.7	211.4	212.1	212.8	213.5
110°	246.0	246.3	246.7	247.0	247.3	247.5	247.7	248.0	248.3	248.7	249.0

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	283.9	284.1	284.2	284.4	284.5	284.6	284.6	284.6	284.6	284.6	284.6
115°	321.7	322.2	322.7	323.2	323.7	324.0	323.8	323.5	323.2	322.8	322.5
117.5°	360.3	360.5	360.7	360.8	361.0	361.1	360.9	360.6	360.3	359.9	359.6
120°	395.9	396.9	397.9	398.9	399.9	400.4	400.0	399.1	398.3	397.4	396.6
122.5°	433.0	433.7	434.3	435.0	435.7	436.0	435.8	435.5	435.2	434.8	434.5
125°	470.8	471.3	471.8	472.3	472.8	473.1	472.9	472.6	472.3	471.9	471.6
127.5°	505.6	506.6	507.6	508.7	509.7	510.2	510.0	509.7	509.4	509.0	508.7
130°	540.5	541.8	543.2	544.5	545.8	546.5	546.2	545.7	545.2	544.7	544.2
132.5°	575.3	576.6	578.0	579.3	580.6	581.3	581.1	580.8	580.5	580.1	579.8
135°	610.9	611.9	612.9	613.9	614.9	615.4	615.3	615.1	615.0	614.8	614.6
137.5°	643.4	644.2	645.1	645.9	646.8	647.2	647.5	648.0	648.5	649.0	649.5
140°	677.5	678.3	679.2	680.0	680.9	681.3	681.4	681.5	681.7	681.8	682.0
142.5°	708.5	709.3	710.2	711.0	711.9	712.3	712.5	712.8	713.1	713.5	713.8
145°	741.1	741.4	741.8	742.1	742.4	742.6	742.8	743.3	743.8	744.3	744.8
147.5°	769.1	769.8	770.4	771.1	771.8	772.1	772.4	772.9	773.4	773.9	774.4
150°	798.6	798.9	799.3	799.6	799.9	800.1	800.3	800.6	800.9	801.3	801.6
152.5°	822.8	823.3	823.8	824.3	824.8	825.1	825.2	825.3	825.5	825.6	825.8
155°	848.5	848.5	848.5	848.5	848.5	848.5	848.6	848.8	848.9	849.1	849.3
157.5°	870.5	870.3	870.1	870.0	869.8	869.7	869.8	870.0	870.1	870.3	870.5
160°	890.9	890.6	890.2	889.9	889.6	889.4	889.4	889.4	889.4	889.4	889.4
162.5°	909.1	908.6	908.1	907.6	907.1	906.8	906.9	907.1	907.2	907.4	907.6
165°	924.2	923.7	923.2	922.7	922.2	922.0	922.0	922.0	922.0	922.0	922.0
167.5°	937.1	936.4	935.8	935.1	934.4	934.1	934.2	934.3	934.5	934.6	934.8
170°	947.7	947.0	946.4	945.7	945.0	944.7	944.7	944.7	944.7	944.7	944.7
172.5°	956.0	955.3	954.7	954.0	953.3	953.0	953.0	953.0	953.0	953.0	953.0
175°	961.3	960.6	960.0	959.3	958.6	958.3	958.3	958.3	958.3	958.3	958.3
177.5°	964.4	963.7	963.0	962.3	961.6	961.3	961.3	961.3	961.3	961.3	961.3
180°	963.6	963.6	963.6	963.6	963.6	963.6	963.6	963.6	963.6	963.6	963.6

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6
2.5°	1653.8	1653.8	1665.9	1678.0	1671.3	1675.3	1690.0	1684.7	1695.4	1694.1	1698.1
5°	1778.6	1793.3	1805.4	1830.9	1834.9	1830.9	1856.4	1863.1	1875.1	1860.4	1867.1
7.5°	1919.4	1950.2	1979.8	2017.3	2029.4	2032.1	2045.5	2064.3	2080.3	2050.8	2065.6
10°	2056.2	2103.1	2163.5	2197.0	2226.5	2237.3	2248.0	2260.1	2278.9	2296.3	2282.9
12.5°	2203.7	2272.2	2329.8	2390.2	2426.4	2422.4	2453.2	2461.3	2476.0	2480.1	2485.4
15°	2324.5	2421.0	2457.3	2547.1	2555.2	2582.0	2616.9	2647.7	2651.7	2643.7	2643.7
17.5°	2439.8	2523.0	2587.4	2659.8	2674.5	2697.3	2741.6	2756.4	2761.7	2760.4	2760.4
20°	2533.7	2588.7	2697.3	2757.7	2781.8	2811.4	2842.2	2861.0	2865.0	2870.4	2862.3
22.5°	2595.4	2678.6	2767.1	2816.7	2836.8	2847.6	2867.7	2873.1	2866.3	2867.7	2869.0
25°	2643.7	2725.5	2779.2	2792.6	2791.2	2777.8	2763.1	2737.6	2734.9	2724.2	2702.7
27.5°	2657.1	2688.0	2681.2	2626.3	2571.3	2565.9	2477.4	2429.1	2374.1	2382.1	2351.3
30°	2584.7	2544.4	2449.2	2309.7	2252.0	2158.1	2058.9	1955.6	1915.4	1871.1	1952.9
32.5°	2407.6	2264.1	2095.1	1914.0	1817.5	1734.3	1628.3	1553.2	1510.3	1474.1	1543.8
35°	2140.7	1916.7	1692.7	1521.0	1441.9	1366.8	1267.5	1230.0	1176.3	1181.7	1188.4
37.5°	1797.3	1550.5	1381.5	1212.5	1160.2	1129.4	1056.9	999.3	980.5	975.1	975.1
40°	1475.4	1272.9	1122.7	989.9	949.6	924.2	866.5	839.7	819.5	814.2	820.9
42.5°	1220.6	1047.6	930.9	842.3	814.2	782.0	757.8	724.3	720.3	710.9	723.0
45°	1024.7	874.5	787.3	723.0	698.8	686.7	659.9	639.8	631.7	630.4	639.8
47.5°	869.2	752.5	676.0	635.8	617.0	604.9	582.1	574.1	566.0	568.7	564.7
50°	729.7	642.5	592.9	556.6	544.6	532.5	517.7	509.7	505.7	505.7	504.3
52.5°	626.4	554.0	521.8	488.2	482.9	476.2	460.1	454.7	448.0	446.7	452.0
55°	536.5	486.9	454.7	434.6	429.2	415.8	409.1	402.4	398.4	395.7	397.0
57.5°	458.7	421.2	399.7	382.3	372.9	367.5	355.4	354.1	351.4	351.4	350.1
60°	394.3	367.5	342.0	331.3	324.6	317.9	316.5	308.5	304.5	307.2	305.8
62.5°	334.0	312.5	297.8	285.7	281.7	276.3	272.3	269.6	265.6	266.9	266.9
65°	279.0	261.6	250.8	240.1	238.8	233.4	232.0	229.4	229.4	228.0	230.7
67.5°	229.4	217.3	207.9	201.2	197.2	198.5	193.1	189.1	189.1	187.8	191.8
70°	182.4	175.7	166.3	158.3	152.9	152.9	146.2	144.9	144.9	144.9	143.5
72.5°	140.8	128.8	124.7	122.1	122.1	122.1	119.4	119.4	118.0	119.4	118.0
75°	104.6	103.3	100.6	99.3	99.3	97.9	96.6	96.6	96.6	96.6	96.6
77.5°	81.8	81.8	79.1	77.8	77.8	77.8	76.5	76.5	75.1	75.1	75.1
80°	60.4	60.4	57.7	57.7	57.7	56.3	56.3	56.3	57.7	56.3	56.3
82.5°	41.6	41.6	40.2	41.6	40.2	38.9	38.9	38.9	37.6	38.9	38.9
85°	24.1	24.1	22.8	21.5	22.8	22.8	21.5	22.8	21.5	22.8	21.5
87.5°	9.4	8.0	8.0	8.0	6.7	8.0	6.7	6.7	8.0	6.7	8.0
90°	18.9	19.5	20.2	20.9	21.2	21.4	21.7	22.0	22.4	22.7	22.4
92.5°	32.3	32.8	33.3	33.8	34.1	33.9	33.6	33.2	32.9	32.5	32.9
95°	56.7	57.3	58.0	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0
97.5°	82.6	83.4	84.3	85.1	85.5	85.4	85.3	85.1	85.0	84.8	85.0
100°	111.8	112.3	112.8	113.3	113.5	113.7	114.0	114.4	114.7	115.1	114.7
102.5°	145.1	145.6	146.1	146.6	146.8	146.7	146.6	146.4	146.3	146.1	146.3
105°	178.6	178.6	178.6	178.6	178.6	178.8	179.1	179.5	179.8	180.2	179.8
107.5°	214.0	214.5	215.0	215.5	215.7	215.6	215.5	215.3	215.2	215.0	215.2
110°	249.7	250.4	251.1	251.8	252.1	251.9	251.6	251.3	250.9	250.6	250.9

TEST NUMBER: P1012233

CATALOG NUMBER: S123RDIP-B1000D805UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	285.4	286.3	287.1	288.0	288.4	288.4	288.4	288.4	288.4	288.4	288.4
115°	322.7	322.8	323.0	323.1	323.2	323.1	323.0	322.8	322.7	322.5	322.7
117.5°	359.6	359.6	359.6	359.6	359.6	359.3	358.8	358.3	357.8	357.3	357.8
120°	396.4	396.3	396.1	396.0	395.9	395.7	395.4	395.1	394.7	394.4	394.7
122.5°	434.0	433.5	433.0	432.5	432.2	431.9	431.4	430.9	430.4	429.9	430.4
125°	470.9	470.3	469.6	468.9	468.6	468.3	467.6	466.9	466.2	465.5	466.2
127.5°	507.7	506.7	505.6	504.6	504.1	503.8	503.1	502.4	501.8	501.1	501.8
130°	543.5	542.9	542.2	541.5	541.2	540.6	539.4	538.3	537.1	535.9	537.1
132.5°	579.0	578.1	577.3	576.4	576.0	575.6	574.8	573.9	573.1	572.3	573.1
135°	613.9	613.3	612.6	611.9	611.6	611.4	611.1	610.8	610.4	610.1	610.4
137.5°	648.7	647.8	647.0	646.1	645.7	645.4	644.9	644.4	643.9	643.4	643.9
140°	681.8	681.7	681.5	681.4	681.3	680.7	679.5	678.4	677.2	676.0	677.2
142.5°	713.6	713.4	713.3	713.1	713.0	712.6	711.8	710.9	710.1	709.3	710.1
145°	744.6	744.5	744.3	744.2	744.1	743.8	743.1	742.4	741.8	741.1	741.8
147.5°	774.4	774.4	774.4	774.4	774.4	773.9	772.9	771.8	770.8	769.8	770.8
150°	801.6	801.6	801.6	801.6	801.6	801.1	800.1	799.1	798.1	797.1	798.1
152.5°	826.1	826.5	826.8	827.1	827.3	826.9	826.1	825.2	824.4	823.6	824.4
155°	850.0	850.6	851.3	852.0	852.3	851.7	850.5	849.4	848.2	847.0	848.2
157.5°	871.2	871.8	872.5	873.2	873.5	873.0	872.0	871.0	870.0	869.0	870.0
160°	890.2	891.1	891.9	892.8	893.2	892.9	892.2	891.5	890.9	890.2	890.9
162.5°	908.4	909.3	910.1	911.0	911.4	910.8	909.6	908.5	907.3	906.1	907.3
165°	923.0	924.0	925.0	926.0	926.5	925.9	924.7	923.6	922.4	921.2	922.4
167.5°	935.8	936.8	937.9	938.9	939.4	938.9	937.9	936.8	935.8	934.8	935.8
170°	945.9	947.1	948.2	949.4	950.0	949.4	948.2	947.1	945.9	944.7	945.9
172.5°	954.0	955.0	956.0	957.0	957.5	956.9	955.7	954.6	953.4	952.2	953.4
175°	959.3	960.3	961.3	962.3	962.8	962.2	961.0	959.9	958.7	957.5	958.7
177.5°	962.3	963.3	964.4	965.4	965.9	965.3	964.1	963.0	961.8	960.6	961.8
180°	963.6	963.6	963.6	963.6	963.6	963.6	963.6	963.6	963.6	963.6	963.6

TEST NUMBER: P1012233

CATALOG NUMBER: S123RDIP-B1000D805UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6
2.5°	1691.4	1683.3	1678.0	1673.9	1669.9	1682.0	1665.9	1648.5	1636.4	1628.3	1625.6
5°	1868.4	1851.0	1836.2	1824.2	1826.8	1826.8	1798.7	1767.8	1741.0	1726.2	1710.2
7.5°	2073.6	2054.9	2025.4	2018.6	2013.3	1979.8	1951.6	1895.2	1861.7	1828.2	1798.7
10°	2277.5	2253.4	2225.2	2215.8	2202.4	2160.8	2117.9	2045.5	2003.9	1942.2	1903.3
12.5°	2468.0	2438.5	2410.3	2403.6	2383.5	2347.3	2273.5	2198.4	2127.3	2061.6	1993.2
15°	2627.6	2619.5	2576.6	2549.8	2505.5	2455.9	2439.8	2337.9	2248.0	2179.6	2056.2
17.5°	2761.7	2724.2	2683.9	2666.5	2649.1	2591.4	2533.7	2429.1	2332.5	2231.9	2152.8
20°	2869.0	2827.4	2799.3	2773.8	2765.7	2700.0	2608.8	2516.3	2410.3	2297.6	2194.4
22.5°	2874.4	2869.0	2850.3	2835.5	2819.4	2776.5	2704.0	2588.7	2476.0	2352.6	2217.2
25°	2763.1	2755.0	2808.7	2795.3	2806.0	2789.9	2751.0	2654.4	2523.0	2378.1	2241.3
27.5°	2427.7	2509.6	2594.1	2623.6	2643.7	2701.4	2720.1	2666.5	2560.5	2406.3	2253.4
30°	1971.7	2080.3	2217.2	2290.9	2347.3	2454.6	2594.1	2611.5	2561.9	2438.5	2250.7
32.5°	1547.9	1647.1	1757.1	1844.3	1919.4	2139.4	2327.1	2462.6	2486.8	2422.4	2257.4
35°	1247.4	1290.3	1394.9	1478.1	1580.0	1767.8	1989.1	2207.8	2355.3	2363.4	2237.3
37.5°	1028.8	1051.6	1142.8	1189.7	1250.1	1415.1	1621.6	1907.3	2136.7	2245.3	2180.9
40°	851.7	904.0	956.3	983.2	1026.1	1140.1	1338.6	1562.6	1847.0	2048.2	2093.8
42.5°	739.1	761.9	795.4	832.9	859.8	959.0	1091.8	1297.0	1553.2	1833.5	1959.6
45°	651.9	659.9	694.8	718.9	747.1	816.8	910.7	1082.4	1307.8	1584.1	1798.7
47.5°	579.4	595.5	614.3	629.1	647.8	701.5	782.0	906.7	1105.2	1352.0	1582.7
50°	515.1	524.4	548.6	555.3	568.7	606.3	668.0	763.2	926.8	1124.0	1362.8
52.5°	454.7	472.1	481.5	490.9	503.0	533.8	574.1	651.9	775.3	960.4	1162.9
55°	407.8	413.1	426.5	434.6	444.0	465.4	500.3	558.0	654.6	802.1	993.9
57.5°	362.1	362.1	375.6	382.3	391.7	407.8	438.6	482.9	552.6	662.6	838.3
60°	313.9	315.2	325.9	334.0	336.7	352.8	378.2	413.1	466.8	547.2	690.8
62.5°	270.9	277.6	283.0	285.7	295.1	304.5	325.9	350.1	387.6	458.7	560.7
65°	234.7	236.1	240.1	242.8	246.8	257.5	273.6	289.7	321.9	374.2	457.4
67.5°	193.1	198.5	203.9	203.9	207.9	213.3	229.4	242.8	266.9	297.8	354.1
70°	144.9	147.5	155.6	159.6	165.0	174.4	182.4	190.5	209.2	232.0	275.0
72.5°	120.7	120.7	123.4	124.7	124.7	131.4	143.5	151.6	161.0	177.1	206.6
75°	96.6	96.6	100.6	99.3	101.9	104.6	106.0	111.3	116.7	128.8	146.2
77.5°	76.5	77.8	77.8	79.1	79.1	80.5	81.8	84.5	87.2	93.9	101.9
80°	56.3	57.7	57.7	59.0	59.0	60.4	61.7	63.0	65.7	68.4	72.4
82.5°	38.9	40.2	40.2	41.6	40.2	41.6	42.9	42.9	44.3	46.9	48.3
85°	22.8	22.8	24.1	22.8	22.8	22.8	24.1	24.1	25.5	29.5	29.5
87.5°	6.7	8.0	6.7	8.0	8.0	8.0	8.0	9.4	9.4	10.7	12.1
90°	22.0	21.7	21.4	21.2	20.9	20.2	19.5	18.9	18.2	16.0	13.8
92.5°	33.2	33.6	33.9	34.1	33.8	33.3	32.8	32.3	31.8	30.8	29.8
95°	59.0	59.0	59.0	59.0	58.7	58.0	57.3	56.7	56.0	54.7	53.3
97.5°	85.1	85.3	85.4	85.5	85.1	84.3	83.4	82.6	81.8	80.8	79.8
100°	114.4	114.0	113.7	113.5	113.3	112.8	112.3	111.8	111.3	110.5	109.6
102.5°	146.4	146.6	146.7	146.8	146.6	146.1	145.6	145.1	144.6	143.4	142.2
105°	179.5	179.1	178.8	178.6	178.6	178.6	178.6	178.6	178.6	177.1	175.6
107.5°	215.3	215.5	215.6	215.7	215.5	215.0	214.5	214.0	213.5	212.8	212.1
110°	251.3	251.6	251.9	252.1	251.8	251.1	250.4	249.7	249.0	248.7	248.3

TEST NUMBER: P1012233

CATALOG NUMBER: S123RDIP-B1000D805UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	288.4	288.4	288.4	288.4	288.0	287.1	286.3	285.4	284.6	284.6	284.6
115°	322.8	323.0	323.1	323.2	323.1	323.0	322.8	322.7	322.5	322.8	323.2
117.5°	358.3	358.8	359.3	359.6	359.6	359.6	359.6	359.6	359.6	359.9	360.3
120°	395.1	395.4	395.7	395.9	396.0	396.1	396.3	396.4	396.6	397.4	398.3
122.5°	430.9	431.4	431.9	432.2	432.5	433.0	433.5	434.0	434.5	434.8	435.2
125°	466.9	467.6	468.3	468.6	468.9	469.6	470.3	470.9	471.6	471.9	472.3
127.5°	502.4	503.1	503.8	504.1	504.6	505.6	506.7	507.7	508.7	509.0	509.4
130°	538.3	539.4	540.6	541.2	541.5	542.2	542.9	543.5	544.2	544.7	545.2
132.5°	573.9	574.8	575.6	576.0	576.4	577.3	578.1	579.0	579.8	580.1	580.5
135°	610.8	611.1	611.4	611.6	611.9	612.6	613.3	613.9	614.6	614.8	615.0
137.5°	644.4	644.9	645.4	645.7	646.1	647.0	647.8	648.7	649.5	649.0	648.5
140°	678.4	679.5	680.7	681.3	681.4	681.5	681.7	681.8	682.0	681.8	681.7
142.5°	710.9	711.8	712.6	713.0	713.1	713.3	713.4	713.6	713.8	713.5	713.1
145°	742.4	743.1	743.8	744.1	744.2	744.3	744.5	744.6	744.8	744.3	743.8
147.5°	771.8	772.9	773.9	774.4	774.4	774.4	774.4	774.4	774.4	773.9	773.4
150°	799.1	800.1	801.1	801.6	801.6	801.6	801.6	801.6	801.6	801.3	800.9
152.5°	825.2	826.1	826.9	827.3	827.1	826.8	826.5	826.1	825.8	825.6	825.5
155°	849.4	850.5	851.7	852.3	852.0	851.3	850.6	850.0	849.3	849.1	848.9
157.5°	871.0	872.0	873.0	873.5	873.2	872.5	871.8	871.2	870.5	870.3	870.1
160°	891.5	892.2	892.9	893.2	892.8	891.9	891.1	890.2	889.4	889.4	889.4
162.5°	908.5	909.6	910.8	911.4	911.0	910.1	909.3	908.4	907.6	907.4	907.2
165°	923.6	924.7	925.9	926.5	926.0	925.0	924.0	923.0	922.0	922.0	922.0
167.5°	936.8	937.9	938.9	939.4	938.9	937.9	936.8	935.8	934.8	934.6	934.5
170°	947.1	948.2	949.4	950.0	949.4	948.2	947.1	945.9	944.7	944.7	944.7
172.5°	954.6	955.7	956.9	957.5	957.0	956.0	955.0	954.0	953.0	953.0	953.0
175°	959.9	961.0	962.2	962.8	962.3	961.3	960.3	959.3	958.3	958.3	958.3
177.5°	963.0	964.1	965.3	965.9	965.4	964.4	963.3	962.3	961.3	961.3	961.3
180°	963.6	963.6	963.6	963.6	963.6	963.6	963.6	963.6	963.6	963.6	963.6

TEST NUMBER: P1012233

CATALOG NUMBER: S123RDIP-B1000D805UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6
2.5°	1621.6	1614.9	1608.2	1608.2	1593.5	1580.0	1573.3	1576.0	1568.0	1557.2	1546.5
5°	1692.7	1665.9	1660.5	1645.8	1625.6	1597.5	1582.7	1569.3	1553.2	1531.8	1511.6
7.5°	1758.4	1723.6	1704.8	1690.0	1651.1	1612.2	1580.0	1558.6	1530.4	1498.2	1474.1
10°	1844.3	1779.9	1759.8	1726.2	1671.3	1616.3	1578.7	1543.8	1504.9	1467.4	1435.2
12.5°	1912.7	1838.9	1801.4	1767.8	1696.7	1627.0	1563.9	1521.0	1474.1	1432.5	1390.9
15°	1990.5	1907.3	1841.6	1801.4	1711.5	1627.0	1555.9	1495.5	1443.2	1392.3	1356.0
17.5°	2028.0	1923.4	1893.9	1836.2	1706.1	1621.6	1534.4	1470.1	1407.0	1348.0	1305.1
20°	2087.1	1965.0	1891.2	1852.3	1737.0	1612.2	1510.3	1436.5	1370.8	1307.8	1262.2
22.5°	2091.1	1958.3	1910.0	1836.2	1694.1	1584.1	1488.8	1399.0	1322.5	1263.5	1216.6
25°	2081.7	1946.2	1879.2	1820.1	1702.1	1568.0	1445.9	1357.4	1282.3	1213.9	1158.9
27.5°	2077.7	1911.3	1848.3	1789.3	1656.5	1521.0	1420.4	1319.8	1234.0	1173.6	1117.3
30°	2072.3	1873.8	1797.3	1728.9	1606.9	1484.8	1364.1	1276.9	1195.1	1118.6	1062.3
32.5°	2037.4	1822.8	1745.0	1672.6	1541.1	1419.1	1323.9	1231.3	1142.8	1071.7	1020.7
35°	2026.7	1775.9	1673.9	1596.1	1467.4	1358.7	1258.1	1181.7	1098.5	1027.4	967.1
37.5°	1995.8	1727.6	1617.6	1518.3	1384.2	1280.9	1207.2	1130.7	1050.2	973.8	925.5
40°	1942.2	1671.3	1546.5	1444.6	1306.4	1201.8	1133.4	1077.1	997.9	929.5	870.5
42.5°	1863.1	1613.6	1479.4	1372.1	1219.2	1121.3	1065.0	1011.3	944.3	873.2	824.9
45°	1771.8	1537.1	1412.4	1293.0	1137.4	1042.2	983.2	951.0	889.3	828.9	772.6
47.5°	1647.1	1458.0	1334.6	1211.2	1052.9	960.4	913.4	881.2	838.3	772.6	727.0
50°	1490.2	1356.0	1239.4	1129.4	969.8	881.2	834.3	810.1	773.9	727.0	682.7
52.5°	1315.8	1238.0	1141.4	1039.5	885.3	802.1	759.2	740.4	713.6	669.3	631.7
55°	1140.1	1106.6	1040.8	940.2	796.7	728.3	690.8	666.6	646.5	614.3	582.1
57.5°	983.2	967.1	921.5	843.7	723.0	651.9	619.7	603.6	587.5	563.3	531.2
60°	820.9	838.3	791.4	752.5	642.5	580.8	552.6	535.2	527.1	505.7	485.5
62.5°	680.0	696.1	669.3	639.8	562.0	507.0	489.6	473.5	468.1	449.3	429.2
65°	552.6	572.7	552.6	536.5	489.6	444.0	422.5	414.5	409.1	397.0	380.9
67.5°	439.9	460.1	450.7	430.6	415.8	378.2	366.2	358.1	355.4	346.1	332.6
70°	331.3	359.5	362.1	350.1	336.7	319.2	311.2	308.5	301.8	293.7	285.7
72.5°	238.8	270.9	272.3	272.3	264.2	264.2	256.2	252.2	252.2	244.1	234.7
75°	175.7	197.2	199.9	202.5	206.6	210.6	205.2	205.2	203.9	195.8	191.8
77.5°	116.7	135.5	142.2	151.6	156.9	156.9	159.6	162.3	159.6	155.6	152.9
80°	75.1	88.5	96.6	101.9	110.0	114.0	118.0	119.4	116.7	115.4	111.3
82.5°	49.6	53.7	57.7	64.4	73.8	80.5	80.5	79.1	81.8	80.5	79.1
85°	28.2	30.8	32.2	33.5	38.9	45.6	46.9	48.3	51.0	48.3	45.6
87.5°	10.7	12.1	12.1	12.1	14.8	16.1	20.1	25.5	24.1	21.5	21.5
90°	11.6	9.4	8.3	7.5	5.8	4.1	2.5	0.8	2.5	4.1	5.8
92.5°	28.8	27.8	27.3	26.8	25.8	24.7	23.7	22.7	23.7	24.7	25.8
95°	52.0	50.7	50.0	49.4	48.2	47.1	45.9	44.7	45.9	47.1	48.2
97.5°	78.7	77.7	77.2	76.8	75.9	75.1	74.2	73.4	74.2	75.1	75.9
100°	108.8	107.9	107.5	107.0	106.0	104.9	103.9	102.9	103.9	104.9	106.0
102.5°	141.1	139.9	139.3	139.0	138.5	138.0	137.5	137.0	137.5	138.0	138.5
105°	174.1	172.6	171.8	171.6	171.3	171.0	170.6	170.3	170.6	171.0	171.3
107.5°	211.4	210.7	210.4	210.3	210.2	210.0	209.9	209.7	209.9	210.0	210.2
110°	248.0	247.7	247.5	247.3	247.0	246.7	246.3	246.0	246.3	246.7	247.0

TEST NUMBER: P1012233

CATALOG NUMBER: S123RDIP-B1000D805UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	284.6	284.6	284.6	284.5	284.4	284.2	284.1	283.9	284.1	284.2	284.4
115°	323.5	323.8	324.0	323.7	323.2	322.7	322.2	321.7	322.2	322.7	323.2
117.5°	360.6	360.9	361.1	361.0	360.8	360.7	360.5	360.3	360.5	360.7	360.8
120°	399.1	400.0	400.4	399.9	398.9	397.9	396.9	395.9	396.9	397.9	398.9
122.5°	435.5	435.8	436.0	435.7	435.0	434.3	433.7	433.0	433.7	434.3	435.0
125°	472.6	472.9	473.1	472.8	472.3	471.8	471.3	470.8	471.3	471.8	472.3
127.5°	509.7	510.0	510.2	509.7	508.7	507.6	506.6	505.6	506.6	507.6	508.7
130°	545.7	546.2	546.5	545.8	544.5	543.2	541.8	540.5	541.8	543.2	544.5
132.5°	580.8	581.1	581.3	580.6	579.3	578.0	576.6	575.3	576.6	578.0	579.3
135°	615.1	615.3	615.4	614.9	613.9	612.9	611.9	610.9	611.9	612.9	613.9
137.5°	648.0	647.5	647.2	646.8	645.9	645.1	644.2	643.4	644.2	645.1	645.9
140°	681.5	681.4	681.3	680.9	680.0	679.2	678.3	677.5	678.3	679.2	680.0
142.5°	712.8	712.5	712.3	711.9	711.0	710.2	709.3	708.5	709.3	710.2	711.0
145°	743.3	742.8	742.6	742.4	742.1	741.8	741.4	741.1	741.4	741.8	742.1
147.5°	772.9	772.4	772.1	771.8	771.1	770.4	769.8	769.1	769.8	770.4	771.1
150°	800.6	800.3	800.1	799.9	799.6	799.3	798.9	798.6	798.9	799.3	799.6
152.5°	825.3	825.2	825.1	824.8	824.3	823.8	823.3	822.8	823.3	823.8	824.3
155°	848.8	848.6	848.5	848.5	848.5	848.5	848.5	848.5	848.5	848.5	848.5
157.5°	870.0	869.8	869.7	869.8	870.0	870.1	870.3	870.5	870.3	870.1	870.0
160°	889.4	889.4	889.4	889.6	889.9	890.2	890.6	890.9	890.6	890.2	889.9
162.5°	907.1	906.9	906.8	907.1	907.6	908.1	908.6	909.1	908.6	908.1	907.6
165°	922.0	922.0	922.0	922.2	922.7	923.2	923.7	924.2	923.7	923.2	922.7
167.5°	934.3	934.2	934.1	934.4	935.1	935.8	936.4	937.1	936.4	935.8	935.1
170°	944.7	944.7	944.7	945.0	945.7	946.4	947.0	947.7	947.0	946.4	945.7
172.5°	953.0	953.0	953.0	953.3	954.0	954.7	955.3	956.0	955.3	954.7	954.0
175°	958.3	958.3	958.3	958.6	959.3	960.0	960.6	961.3	960.6	960.0	959.3
177.5°	961.3	961.3	961.3	961.6	962.3	963.0	963.7	964.4	963.7	963.0	962.3
180°	963.6	963.6	963.6	963.6	963.6	963.6	963.6	963.6	963.6	963.6	963.6

TEST NUMBER: P1012233

CATALOG NUMBER: S123RDIP-B1000D805UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6
2.5°	1546.5	1539.8	1537.1	1530.4	1514.3	1503.6	1491.5	1483.5	1484.8	1478.1	1482.1
5°	1498.2	1496.9	1487.5	1474.1	1451.3	1439.2	1417.7	1407.0	1401.7	1403.0	1394.9
7.5°	1458.0	1445.9	1439.2	1417.7	1396.3	1370.8	1353.4	1344.0	1335.9	1327.9	1322.5
10°	1412.4	1401.7	1390.9	1368.1	1338.6	1314.5	1290.3	1280.9	1268.9	1263.5	1259.5
12.5°	1364.1	1357.4	1344.0	1317.2	1283.6	1260.8	1232.6	1227.3	1211.2	1200.5	1197.8
15°	1319.8	1315.8	1291.7	1260.8	1227.3	1204.5	1180.3	1164.2	1137.4	1142.8	1133.4
17.5°	1272.9	1255.5	1240.7	1199.1	1183.0	1148.1	1120.0	1111.9	1093.2	1081.1	1069.0
20°	1220.6	1209.8	1191.1	1164.2	1125.3	1085.1	1063.6	1050.2	1039.5	1020.7	1015.4
22.5°	1171.0	1157.5	1141.4	1106.6	1073.0	1039.5	1010.0	997.9	984.5	971.1	963.0
25°	1132.1	1111.9	1094.5	1051.6	1018.0	989.9	971.1	951.0	932.2	924.2	921.5
27.5°	1071.7	1059.6	1042.2	1001.9	971.1	940.2	922.8	909.4	889.3	879.9	871.8
30°	1032.8	1008.7	988.5	956.3	925.5	892.0	875.9	859.8	847.7	835.6	826.2
32.5°	980.5	961.7	945.6	913.4	882.6	851.7	834.3	810.1	803.4	794.0	783.3
35°	929.5	917.4	900.0	865.1	831.6	810.1	791.4	768.6	760.5	753.8	744.4
37.5°	881.2	863.8	851.7	818.2	788.7	763.2	748.4	729.7	724.3	716.3	709.5
40°	839.7	822.2	810.1	776.6	745.8	718.9	709.5	690.8	682.7	673.3	669.3
42.5°	792.7	778.0	761.9	737.7	705.5	678.7	659.9	649.2	638.5	634.4	626.4
45°	743.1	729.7	717.6	690.8	657.2	638.5	622.4	607.6	599.6	592.9	587.5
47.5°	700.2	688.1	672.0	642.5	615.7	598.2	582.1	567.4	559.3	551.3	544.6
50°	650.5	643.8	626.4	598.2	572.7	552.6	537.9	524.4	519.1	509.7	499.0
52.5°	606.3	594.2	579.4	556.6	533.8	509.7	489.6	481.5	472.1	466.8	457.4
55°	554.0	545.9	529.8	509.7	485.5	465.4	450.7	439.9	427.9	422.5	410.4
57.5°	509.7	494.9	486.9	461.4	438.6	418.5	407.8	397.0	383.6	375.6	370.2
60°	461.4	448.0	435.9	414.5	398.4	376.9	360.8	351.4	342.0	331.3	325.9
62.5°	414.5	403.7	389.0	371.5	351.4	334.0	321.9	308.5	303.1	292.4	288.4
65°	363.5	355.4	343.4	323.3	307.2	292.4	280.3	269.6	264.2	260.2	257.5
67.5°	317.9	307.2	299.1	281.7	264.2	252.2	245.5	238.8	232.0	228.0	224.0
70°	270.9	262.9	254.8	238.8	226.7	215.9	210.6	205.2	201.2	197.2	193.1
72.5°	222.7	218.6	210.6	199.9	190.5	182.4	178.4	171.7	167.7	161.0	158.3
75°	183.8	177.1	173.0	163.6	155.6	148.9	143.5	135.5	130.1	127.4	126.1
77.5°	144.9	142.2	136.8	128.8	124.7	118.0	110.0	107.3	104.6	104.6	103.3
80°	108.6	104.6	100.6	93.9	89.9	84.5	84.5	84.5	83.2	84.5	83.2
82.5°	73.8	71.1	68.4	64.4	63.0	63.0	64.4	64.4	64.4	64.4	64.4
85°	42.9	42.9	42.9	44.3	42.9	42.9	44.3	45.6	44.3	44.3	42.9
87.5°	20.1	20.1	21.5	21.5	22.8	22.8	22.8	22.8	22.8	22.8	24.1
90°	7.5	8.3	9.4	11.6	13.8	16.0	18.2	18.9	19.5	20.2	20.9
92.5°	26.8	27.3	27.8	28.8	29.8	30.8	31.8	32.3	32.8	33.3	33.8
95°	49.4	50.0	50.7	52.0	53.3	54.7	56.0	56.7	57.3	58.0	58.7
97.5°	76.8	77.2	77.7	78.7	79.8	80.8	81.8	82.6	83.4	84.3	85.1
100°	107.0	107.5	107.9	108.8	109.6	110.5	111.3	111.8	112.3	112.8	113.3
102.5°	139.0	139.3	139.9	141.1	142.2	143.4	144.6	145.1	145.6	146.1	146.6
105°	171.6	171.8	172.6	174.1	175.6	177.1	178.6	178.6	178.6	178.6	178.6
107.5°	210.3	210.4	210.7	211.4	212.1	212.8	213.5	214.0	214.5	215.0	215.5
110°	247.3	247.5	247.7	248.0	248.3	248.7	249.0	249.7	250.4	251.1	251.8

TEST NUMBER: P1012233

CATALOG NUMBER: S123RDIP-B1000D805UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	284.5	284.6	284.6	284.6	284.6	284.6	284.6	285.4	286.3	287.1	288.0
115°	323.7	324.0	323.8	323.5	323.2	322.8	322.5	322.7	322.8	323.0	323.1
117.5°	361.0	361.1	360.9	360.6	360.3	359.9	359.6	359.6	359.6	359.6	359.6
120°	399.9	400.4	400.0	399.1	398.3	397.4	396.6	396.4	396.3	396.1	396.0
122.5°	435.7	436.0	435.8	435.5	435.2	434.8	434.5	434.0	433.5	433.0	432.5
125°	472.8	473.1	472.9	472.6	472.3	471.9	471.6	470.9	470.3	469.6	468.9
127.5°	509.7	510.2	510.0	509.7	509.4	509.0	508.7	507.7	506.7	505.6	504.6
130°	545.8	546.5	546.2	545.7	545.2	544.7	544.2	543.5	542.9	542.2	541.5
132.5°	580.6	581.3	581.1	580.8	580.5	580.1	579.8	579.0	578.1	577.3	576.4
135°	614.9	615.4	615.3	615.1	615.0	614.8	614.6	613.9	613.3	612.6	611.9
137.5°	646.8	647.2	647.5	648.0	648.5	649.0	649.5	648.7	647.8	647.0	646.1
140°	680.9	681.3	681.4	681.5	681.7	681.8	682.0	681.8	681.7	681.5	681.4
142.5°	711.9	712.3	712.5	712.8	713.1	713.5	713.8	713.6	713.4	713.3	713.1
145°	742.4	742.6	742.8	743.3	743.8	744.3	744.8	744.6	744.5	744.3	744.2
147.5°	771.8	772.1	772.4	772.9	773.4	773.9	774.4	774.4	774.4	774.4	774.4
150°	799.9	800.1	800.3	800.6	800.9	801.3	801.6	801.6	801.6	801.6	801.6
152.5°	824.8	825.1	825.2	825.3	825.5	825.6	825.8	826.1	826.5	826.8	827.1
155°	848.5	848.5	848.6	848.8	848.9	849.1	849.3	850.0	850.6	851.3	852.0
157.5°	869.8	869.7	869.8	870.0	870.1	870.3	870.5	871.2	871.8	872.5	873.2
160°	889.6	889.4	889.4	889.4	889.4	889.4	889.4	890.2	891.1	891.9	892.8
162.5°	907.1	906.8	906.9	907.1	907.2	907.4	907.6	908.4	909.3	910.1	911.0
165°	922.2	922.0	922.0	922.0	922.0	922.0	922.0	923.0	924.0	925.0	926.0
167.5°	934.4	934.1	934.2	934.3	934.5	934.6	934.8	935.8	936.8	937.9	938.9
170°	945.0	944.7	944.7	944.7	944.7	944.7	944.7	945.9	947.1	948.2	949.4
172.5°	953.3	953.0	953.0	953.0	953.0	953.0	953.0	954.0	955.0	956.0	957.0
175°	958.6	958.3	958.3	958.3	958.3	958.3	958.3	959.3	960.3	961.3	962.3
177.5°	961.6	961.3	961.3	961.3	961.3	961.3	961.3	962.3	963.3	964.4	965.4
180°	963.6	963.6	963.6	963.6	963.6	963.6	963.6	963.6	963.6	963.6	963.6

TEST NUMBER: P1012233

CATALOG NUMBER: S123RDIP-B1000D805UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6
2.5°	1480.8	1482.1	1478.1	1470.1	1468.7	1471.4	1479.4	1476.8	1470.1	1482.1	1471.4
5°	1399.0	1392.3	1389.6	1392.3	1384.2	1380.2	1388.2	1384.2	1388.2	1389.6	1393.6
7.5°	1319.8	1321.2	1313.1	1314.5	1303.7	1306.4	1306.4	1306.4	1310.4	1313.1	1318.5
10°	1251.4	1254.1	1244.7	1246.1	1238.0	1232.6	1236.7	1244.7	1244.7	1244.7	1247.4
12.5°	1196.4	1184.4	1177.7	1176.3	1166.9	1164.2	1172.3	1175.0	1181.7	1181.7	1185.7
15°	1128.0	1125.3	1120.0	1120.0	1097.2	1102.5	1105.2	1114.6	1128.0	1117.3	1120.0
17.5°	1066.3	1059.6	1052.9	1050.2	1047.6	1039.5	1050.2	1048.9	1056.9	1058.3	1062.3
20°	1011.3	1006.0	992.6	993.9	996.6	984.5	991.2	991.2	999.3	1007.3	1016.7
22.5°	957.7	952.3	945.6	948.3	940.2	937.6	937.6	944.3	953.7	960.4	959.0
25°	916.1	906.7	902.7	898.7	894.6	897.3	893.3	900.0	906.7	910.7	906.7
27.5°	869.2	865.1	857.1	853.1	846.4	849.0	851.7	857.1	861.1	861.1	865.1
30°	823.6	818.2	815.5	811.5	811.5	806.1	807.5	812.8	816.8	820.9	826.2
32.5°	779.3	775.3	771.2	771.2	768.6	767.2	765.9	773.9	773.9	782.0	782.0
35°	743.1	736.4	736.4	729.7	732.3	731.0	728.3	733.7	735.0	740.4	739.1
37.5°	702.8	702.8	700.2	693.4	688.1	689.4	696.1	696.1	700.2	698.8	702.8
40°	662.6	659.9	659.9	655.9	654.6	653.2	654.6	655.9	662.6	661.3	662.6
42.5°	622.4	623.7	617.0	617.0	617.0	613.0	614.3	615.7	618.3	621.0	625.0
45°	583.5	580.8	579.4	576.8	574.1	575.4	574.1	579.4	578.1	580.8	584.8
47.5°	541.9	537.9	536.5	531.2	531.2	533.8	532.5	536.5	537.9	541.9	539.2
50°	501.6	496.3	492.3	493.6	485.5	488.2	488.2	492.3	496.3	497.6	500.3
52.5°	454.7	453.4	452.0	445.3	444.0	442.6	444.0	445.3	450.7	454.7	456.0
55°	409.1	407.8	399.7	397.0	393.0	393.0	395.7	397.0	406.4	407.8	413.1
57.5°	367.5	363.5	354.1	352.8	352.8	352.8	348.7	354.1	356.8	363.5	363.5
60°	321.9	321.9	313.9	313.9	315.2	313.9	313.9	315.2	315.2	320.6	323.3
62.5°	285.7	284.4	284.4	281.7	280.3	281.7	280.3	280.3	281.7	285.7	289.7
65°	253.5	252.2	250.8	249.5	246.8	246.8	248.1	250.8	250.8	253.5	254.8
67.5°	222.7	222.7	220.0	220.0	218.6	217.3	218.6	217.3	222.7	222.7	224.0
70°	191.8	190.5	186.4	185.1	181.1	182.4	182.4	186.4	187.8	190.5	193.1
72.5°	154.2	154.2	151.6	148.9	150.2	147.5	147.5	148.9	148.9	152.9	154.2
75°	127.4	124.7	123.4	124.7	123.4	126.1	123.4	123.4	126.1	126.1	126.1
77.5°	104.6	104.6	103.3	103.3	104.6	103.3	104.6	104.6	104.6	103.3	104.6
80°	85.8	84.5	84.5	84.5	83.2	83.2	83.2	83.2	83.2	83.2	83.2
82.5°	64.4	64.4	63.0	64.4	64.4	63.0	64.4	63.0	63.0	64.4	64.4
85°	42.9	45.6	42.9	42.9	44.3	44.3	45.6	44.3	45.6	42.9	44.3
87.5°	22.8	24.1	24.1	22.8	22.8	24.1	24.1	24.1	25.5	22.8	24.1
90°	21.2	21.4	21.7	22.0	22.4	22.7	22.4	22.0	21.7	21.4	21.2
92.5°	34.1	33.9	33.6	33.2	32.9	32.5	32.9	33.2	33.6	33.9	34.1
95°	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
97.5°	85.5	85.4	85.3	85.1	85.0	84.8	85.0	85.1	85.3	85.4	85.5
100°	113.5	113.7	114.0	114.4	114.7	115.1	114.7	114.4	114.0	113.7	113.5
102.5°	146.8	146.7	146.6	146.4	146.3	146.1	146.3	146.4	146.6	146.7	146.8
105°	178.6	178.8	179.1	179.5	179.8	180.2	179.8	179.5	179.1	178.8	178.6
107.5°	215.7	215.6	215.5	215.3	215.2	215.0	215.2	215.3	215.5	215.6	215.7
110°	252.1	251.9	251.6	251.3	250.9	250.6	250.9	251.3	251.6	251.9	252.1

TEST NUMBER: P1012233

CATALOG NUMBER: S123RDIP-B1000D805UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	288.4	288.4	288.4	288.4	288.4	288.4	288.4	288.4	288.4	288.4	288.4
115°	323.2	323.1	323.0	322.8	322.7	322.5	322.7	322.8	323.0	323.1	323.2
117.5°	359.6	359.3	358.8	358.3	357.8	357.3	357.8	358.3	358.8	359.3	359.6
120°	395.9	395.7	395.4	395.1	394.7	394.4	394.7	395.1	395.4	395.7	395.9
122.5°	432.2	431.9	431.4	430.9	430.4	429.9	430.4	430.9	431.4	431.9	432.2
125°	468.6	468.3	467.6	466.9	466.2	465.5	466.2	466.9	467.6	468.3	468.6
127.5°	504.1	503.8	503.1	502.4	501.8	501.1	501.8	502.4	503.1	503.8	504.1
130°	541.2	540.6	539.4	538.3	537.1	535.9	537.1	538.3	539.4	540.6	541.2
132.5°	576.0	575.6	574.8	573.9	573.1	572.3	573.1	573.9	574.8	575.6	576.0
135°	611.6	611.4	611.1	610.8	610.4	610.1	610.4	610.8	611.1	611.4	611.6
137.5°	645.7	645.4	644.9	644.4	643.9	643.4	643.9	644.4	644.9	645.4	645.7
140°	681.3	680.7	679.5	678.4	677.2	676.0	677.2	678.4	679.5	680.7	681.3
142.5°	713.0	712.6	711.8	710.9	710.1	709.3	710.1	710.9	711.8	712.6	713.0
145°	744.1	743.8	743.1	742.4	741.8	741.1	741.8	742.4	743.1	743.8	744.1
147.5°	774.4	773.9	772.9	771.8	770.8	769.8	770.8	771.8	772.9	773.9	774.4
150°	801.6	801.1	800.1	799.1	798.1	797.1	798.1	799.1	800.1	801.1	801.6
152.5°	827.3	826.9	826.1	825.2	824.4	823.6	824.4	825.2	826.1	826.9	827.3
155°	852.3	851.7	850.5	849.4	848.2	847.0	848.2	849.4	850.5	851.7	852.3
157.5°	873.5	873.0	872.0	871.0	870.0	869.0	870.0	871.0	872.0	873.0	873.5
160°	893.2	892.9	892.2	891.5	890.9	890.2	890.9	891.5	892.2	892.9	893.2
162.5°	911.4	910.8	909.6	908.5	907.3	906.1	907.3	908.5	909.6	910.8	911.4
165°	926.5	925.9	924.7	923.6	922.4	921.2	922.4	923.6	924.7	925.9	926.5
167.5°	939.4	938.9	937.9	936.8	935.8	934.8	935.8	936.8	937.9	938.9	939.4
170°	950.0	949.4	948.2	947.1	945.9	944.7	945.9	947.1	948.2	949.4	950.0
172.5°	957.5	956.9	955.7	954.6	953.4	952.2	953.4	954.6	955.7	956.9	957.5
175°	962.8	962.2	961.0	959.9	958.7	957.5	958.7	959.9	961.0	962.2	962.8
177.5°	965.9	965.3	964.1	963.0	961.8	960.6	961.8	963.0	964.1	965.3	965.9
180°	963.6	963.6	963.6	963.6	963.6	963.6	963.6	963.6	963.6	963.6	963.6

TEST NUMBER: P1012233

CATALOG NUMBER: S123RDIP-B1000D805UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6
2.5°	1482.1	1487.5	1482.1	1471.4	1482.1	1488.8	1495.5	1506.3	1511.6	1511.6	1519.7
5°	1397.6	1408.4	1404.3	1401.7	1412.4	1419.1	1429.8	1443.2	1458.0	1467.4	1478.1
7.5°	1322.5	1329.2	1335.9	1335.9	1346.7	1361.4	1377.5	1393.6	1412.4	1425.8	1433.8
10°	1256.8	1262.2	1266.2	1271.5	1287.6	1303.7	1325.2	1345.3	1361.4	1376.2	1389.6
12.5°	1193.8	1201.8	1211.2	1215.2	1227.3	1247.4	1267.5	1291.7	1317.2	1331.9	1345.3
15°	1133.4	1137.4	1148.1	1160.2	1171.0	1192.4	1217.9	1243.4	1264.8	1287.6	1299.7
17.5°	1071.7	1073.0	1101.2	1094.5	1129.4	1149.5	1162.9	1187.0	1221.9	1240.7	1259.5
20°	1011.3	1024.7	1036.8	1043.5	1062.3	1085.1	1124.0	1142.8	1171.0	1188.4	1204.5
22.5°	964.4	984.5	984.5	1000.6	1010.0	1031.5	1059.6	1095.8	1126.7	1138.8	1161.6
25°	922.8	932.2	948.3	953.7	971.1	989.9	1008.7	1047.6	1081.1	1097.2	1113.3
27.5°	869.2	881.2	902.7	902.7	925.5	945.6	968.4	993.9	1027.4	1050.2	1067.7
30°	827.6	839.7	849.0	863.8	873.2	892.0	932.2	951.0	980.5	1000.6	1022.1
32.5°	788.7	798.1	806.1	822.2	832.9	854.4	875.9	909.4	934.9	953.7	976.5
35°	745.8	755.1	765.9	778.0	794.0	814.2	834.3	862.5	887.9	905.4	924.2
37.5°	705.5	712.2	728.3	736.4	749.8	768.6	794.0	823.6	846.4	859.8	878.5
40°	666.6	672.0	684.1	698.8	708.2	723.0	749.8	775.3	803.4	819.5	834.3
42.5°	625.0	631.7	642.5	657.2	672.0	688.1	702.8	732.3	757.8	771.2	787.3
45°	588.8	592.9	600.9	615.7	630.4	642.5	665.3	692.1	716.3	727.0	744.4
47.5°	545.9	549.9	562.0	568.7	584.8	600.9	623.7	650.5	672.0	682.7	698.8
50°	501.6	505.7	513.7	528.5	539.2	556.6	576.8	599.6	626.4	641.1	650.5
52.5°	458.7	466.8	473.5	485.5	499.0	516.4	535.2	556.6	579.4	594.2	604.9
55°	415.8	422.5	430.6	437.3	453.4	469.5	490.9	511.0	531.2	544.6	556.6
57.5°	367.5	376.9	385.0	398.4	410.4	423.8	448.0	464.1	488.2	497.6	508.4
60°	325.9	335.3	342.0	352.8	363.5	380.9	397.0	417.1	437.3	449.3	462.7
62.5°	291.1	295.1	299.1	309.8	320.6	336.7	352.8	372.9	394.3	401.0	411.8
65°	256.2	260.2	266.9	276.3	284.4	293.7	311.2	327.3	347.4	358.1	362.1
67.5°	226.7	230.7	232.0	238.8	245.5	256.2	265.6	281.7	300.4	307.2	315.2
70°	193.1	199.9	201.2	206.6	209.2	215.9	226.7	238.8	253.5	265.6	272.3
72.5°	154.2	163.6	166.3	174.4	178.4	185.1	193.1	202.5	211.9	217.3	222.7
75°	126.1	128.8	130.1	136.8	143.5	152.9	156.9	162.3	170.3	177.1	182.4
77.5°	104.6	106.0	107.3	107.3	108.6	114.0	122.1	128.8	134.1	136.8	140.8
80°	84.5	83.2	83.2	84.5	84.5	84.5	87.2	96.6	99.3	106.0	104.6
82.5°	65.7	63.0	64.4	63.0	63.0	63.0	63.0	64.4	64.4	68.4	71.1
85°	42.9	44.3	42.9	42.9	41.6	42.9	41.6	41.6	40.2	40.2	38.9
87.5°	22.8	24.1	22.8	22.8	21.5	22.8	21.5	21.5	20.1	20.1	17.4
90°	20.9	20.2	19.5	18.9	18.2	16.0	13.8	11.6	9.4	8.3	7.5
92.5°	33.8	33.3	32.8	32.3	31.8	30.8	29.8	28.8	27.8	27.3	26.8
95°	58.7	58.0	57.3	56.7	56.0	54.7	53.3	52.0	50.7	50.0	49.4
97.5°	85.1	84.3	83.4	82.6	81.8	80.8	79.8	78.7	77.7	77.2	76.8
100°	113.3	112.8	112.3	111.8	111.3	110.5	109.6	108.8	107.9	107.5	107.0
102.5°	146.6	146.1	145.6	145.1	144.6	143.4	142.2	141.1	139.9	139.3	139.0
105°	178.6	178.6	178.6	178.6	178.6	177.1	175.6	174.1	172.6	171.8	171.6
107.5°	215.5	215.0	214.5	214.0	213.5	212.8	212.1	211.4	210.7	210.4	210.3
110°	251.8	251.1	250.4	249.7	249.0	248.7	248.3	248.0	247.7	247.5	247.3

TEST NUMBER: P1012233

CATALOG NUMBER: S123RDIP-B1000D805UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	288.0	287.1	286.3	285.4	284.6	284.6	284.6	284.6	284.6	284.6	284.5
115°	323.1	323.0	322.8	322.7	322.5	322.8	323.2	323.5	323.8	324.0	323.7
117.5°	359.6	359.6	359.6	359.6	359.6	359.9	360.3	360.6	360.9	361.1	361.0
120°	396.0	396.1	396.3	396.4	396.6	397.4	398.3	399.1	400.0	400.4	399.9
122.5°	432.5	433.0	433.5	434.0	434.5	434.8	435.2	435.5	435.8	436.0	435.7
125°	468.9	469.6	470.3	470.9	471.6	471.9	472.3	472.6	472.9	473.1	472.8
127.5°	504.6	505.6	506.7	507.7	508.7	509.0	509.4	509.7	510.0	510.2	509.7
130°	541.5	542.2	542.9	543.5	544.2	544.7	545.2	545.7	546.2	546.5	545.8
132.5°	576.4	577.3	578.1	579.0	579.8	580.1	580.5	580.8	581.1	581.3	580.6
135°	611.9	612.6	613.3	613.9	614.6	614.8	615.0	615.1	615.3	615.4	614.9
137.5°	646.1	647.0	647.8	648.7	649.5	649.0	648.5	648.0	647.5	647.2	646.8
140°	681.4	681.5	681.7	681.8	682.0	681.8	681.7	681.5	681.4	681.3	680.9
142.5°	713.1	713.3	713.4	713.6	713.8	713.5	713.1	712.8	712.5	712.3	711.9
145°	744.2	744.3	744.5	744.6	744.8	744.3	743.8	743.3	742.8	742.6	742.4
147.5°	774.4	774.4	774.4	774.4	774.4	773.9	773.4	772.9	772.4	772.1	771.8
150°	801.6	801.6	801.6	801.6	801.6	801.3	800.9	800.6	800.3	800.1	799.9
152.5°	827.1	826.8	826.5	826.1	825.8	825.6	825.5	825.3	825.2	825.1	824.8
155°	852.0	851.3	850.6	850.0	849.3	849.1	848.9	848.8	848.6	848.5	848.5
157.5°	873.2	872.5	871.8	871.2	870.5	870.3	870.1	870.0	869.8	869.7	869.8
160°	892.8	891.9	891.1	890.2	889.4	889.4	889.4	889.4	889.4	889.4	889.6
162.5°	911.0	910.1	909.3	908.4	907.6	907.4	907.2	907.1	906.9	906.8	907.1
165°	926.0	925.0	924.0	923.0	922.0	922.0	922.0	922.0	922.0	922.0	922.2
167.5°	938.9	937.9	936.8	935.8	934.8	934.6	934.5	934.3	934.2	934.1	934.4
170°	949.4	948.2	947.1	945.9	944.7	944.7	944.7	944.7	944.7	944.7	945.0
172.5°	957.0	956.0	955.0	954.0	953.0	953.0	953.0	953.0	953.0	953.0	953.3
175°	962.3	961.3	960.3	959.3	958.3	958.3	958.3	958.3	958.3	958.3	958.6
177.5°	965.4	964.4	963.3	962.3	961.3	961.3	961.3	961.3	961.3	961.3	961.6
180°	963.6	963.6	963.6	963.6	963.6	963.6	963.6	963.6	963.6	963.6	963.6

TEST NUMBER: P1012233

CATALOG NUMBER: S123RDIP-B1000D805UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1566.6	1566.6	1566.6	1566.6
2.5°	1526.4	1535.8	1554.6	1570.7
5°	1494.2	1509.0	1537.1	1565.3
7.5°	1455.3	1478.1	1514.3	1553.2
10°	1417.7	1447.3	1491.5	1537.1
12.5°	1380.2	1411.0	1458.0	1517.0
15°	1335.9	1368.1	1424.5	1495.5
17.5°	1297.0	1340.0	1390.9	1462.0
20°	1255.5	1287.6	1353.4	1428.5
22.5°	1203.1	1256.8	1318.5	1397.6
25°	1161.6	1208.5	1270.2	1360.1
27.5°	1110.6	1165.6	1240.7	1319.8
30°	1069.0	1114.6	1184.4	1279.6
32.5°	1020.7	1074.4	1146.8	1240.7
35°	977.8	1023.4	1091.8	1187.0
37.5°	926.8	976.5	1052.9	1137.4
40°	882.6	930.9	1003.3	1082.4
42.5°	828.9	879.9	952.3	1019.4
45°	786.0	832.9	890.6	952.3
47.5°	733.7	783.3	839.7	882.6
50°	686.7	732.3	776.6	812.8
52.5°	635.8	677.4	717.6	744.4
55°	588.8	621.0	653.2	672.0
57.5°	533.8	564.7	591.5	602.2
60°	485.5	511.0	528.5	540.5
62.5°	434.6	453.4	466.8	473.5
65°	385.0	398.4	405.1	411.8
67.5°	334.0	346.1	350.1	358.1
70°	280.3	293.7	296.4	300.4
72.5°	240.1	240.1	245.5	250.8
75°	191.8	194.5	197.2	197.2
77.5°	150.2	150.2	152.9	154.2
80°	110.0	111.3	111.3	110.0
82.5°	75.1	77.8	75.1	73.8
85°	41.6	46.9	44.3	44.3
87.5°	17.4	17.4	20.1	17.4
90°	5.8	4.1	2.5	0.8
92.5°	25.8	24.7	23.7	22.7
95°	48.2	47.1	45.9	44.7
97.5°	75.9	75.1	74.2	73.4
100°	106.0	104.9	103.9	102.9
102.5°	138.5	138.0	137.5	137.0
105°	171.3	171.0	170.6	170.3
107.5°	210.2	210.0	209.9	209.7
110°	247.0	246.7	246.3	246.0

TEST NUMBER: P1012233

CATALOG NUMBER: S123RDIP-B1000D805UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	284.4	284.2	284.1	283.9
115°	323.2	322.7	322.2	321.7
117.5°	360.8	360.7	360.5	360.3
120°	398.9	397.9	396.9	395.9
122.5°	435.0	434.3	433.7	433.0
125°	472.3	471.8	471.3	470.8
127.5°	508.7	507.6	506.6	505.6
130°	544.5	543.2	541.8	540.5
132.5°	579.3	578.0	576.6	575.3
135°	613.9	612.9	611.9	610.9
137.5°	645.9	645.1	644.2	643.4
140°	680.0	679.2	678.3	677.5
142.5°	711.0	710.2	709.3	708.5
145°	742.1	741.8	741.4	741.1
147.5°	771.1	770.4	769.8	769.1
150°	799.6	799.3	798.9	798.6
152.5°	824.3	823.8	823.3	822.8
155°	848.5	848.5	848.5	848.5
157.5°	870.0	870.1	870.3	870.5
160°	889.9	890.2	890.6	890.9
162.5°	907.6	908.1	908.6	909.1
165°	922.7	923.2	923.7	924.2
167.5°	935.1	935.8	936.4	937.1
170°	945.7	946.4	947.0	947.7
172.5°	954.0	954.7	955.3	956.0
175°	959.3	960.0	960.6	961.3
177.5°	962.3	963.0	963.7	964.4
180°	963.6	963.6	963.6	963.6

(END OF REPORT)