

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: P1028506

Luminaire Tested: S125RDIP-B1090D610UB27-4F0-XX-W2A-A4

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1028506
REPORT IS A COMBINATION OF REPORTS P1005041 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125RDIP-B1090D610UB27-4F0-XX-W2A-A4
Description: Define 5 Regressed Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473}
{m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

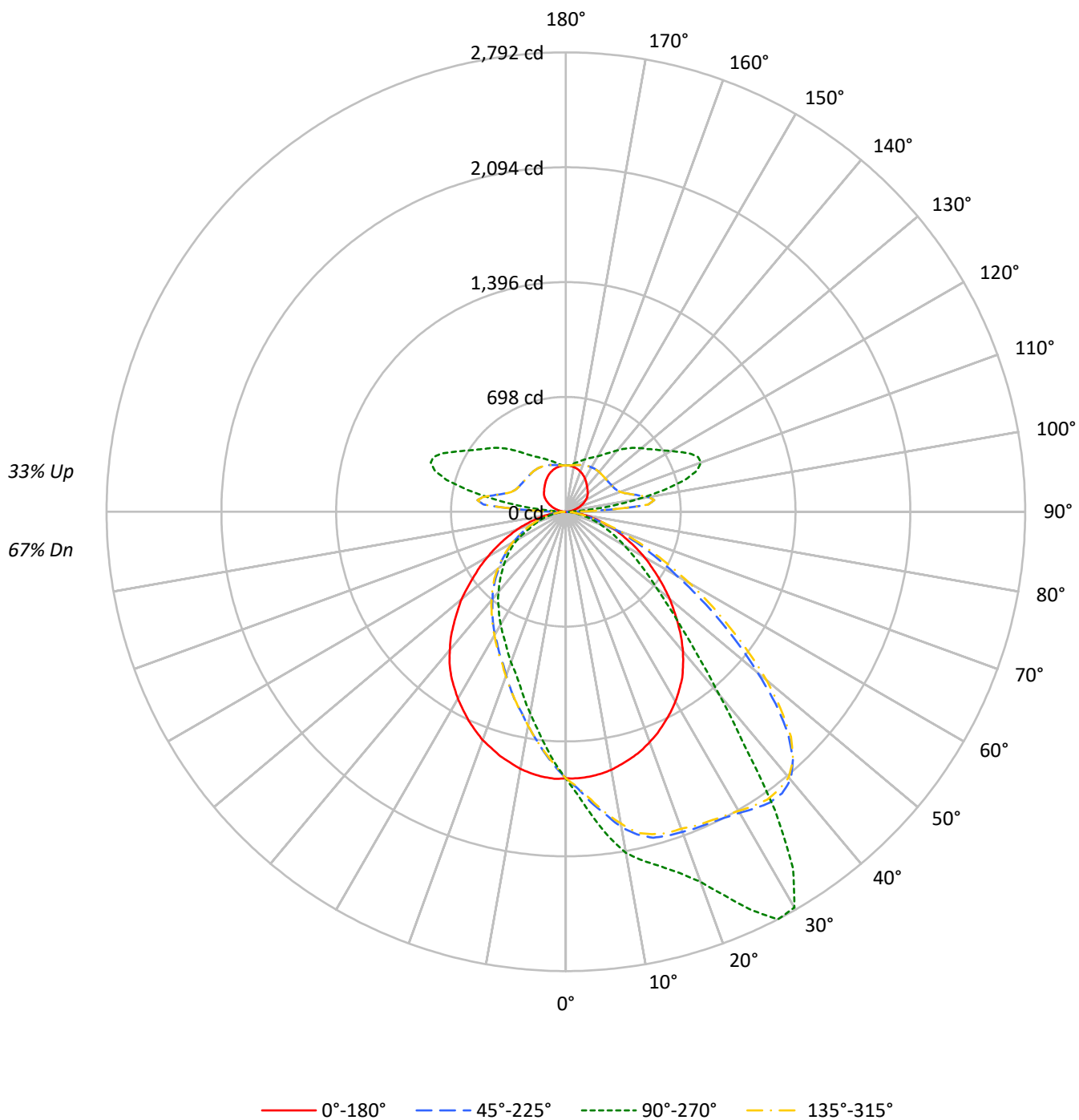
Lumens per Lamp: N/A
Luminaire Lumens: 6310.0 lumens
Efficiency: N/A
Efficacy: 101.4 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

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				20
RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	111	111	111	111	105	105	105	105	93	93	93	81	81	81	71	71	71	69	69	69	67
1	102	98	94	91	96	92	89	86	82	80	77	73	71	69	64	63	61	59	57	55	57
2	93	86	80	75	88	81	76	72	73	69	65	64	61	59	57	55	53	51	48	45	49
3	86	76	69	63	80	72	66	60	64	59	55	57	53	50	51	48	45	42	39	36	42
4	79	68	60	54	74	64	57	52	58	52	47	51	47	43	46	42	39	36	33	30	36
5	72	61	53	47	68	58	50	45	52	46	41	46	42	38	41	38	35	32	29	26	32
6	67	55	46	41	63	52	45	39	47	41	36	42	37	33	38	34	31	28	25	22	28
7	62	49	41	36	58	47	40	35	43	37	32	38	33	30	34	30	27	24	21	18	25
8	57	45	37	32	54	43	36	31	39	33	29	35	30	27	32	28	25	22	19	16	22
9	54	41	34	29	51	39	32	28	36	30	26	32	28	24	29	25	22	19	16	13	20
10	50	38	31	26	47	36	30	25	33	27	23	30	25	22	27	23	20	17	14	11	18

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	10382	10382	10382	10382
5°	10373	11701	10373	8994
10°	10315	13149	10280	7775
15°	10203	13911	10133	6769
20°	10068	15017	9978	6118
25°	9891	16997	9780	5553
30°	9712	18067	9566	5149
35°	9480	14858	9347	4771
40°	9067	10090	8991	4433
45°	8526	7253	8515	4099
50°	7971	5578	8010	3791
55°	7346	4536	7332	3494
60°	6765	3717	6732	3102
65°	6087	3097	6125	2497
70°	5527	2486	5504	2079
75°	4669	1884	4669	1709
80°	3784	1149	3739	1149
85°	2664	604	2584	683

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 14778 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	155.4	2.5
10°-20°	455.5	7.2
20°-30°	722.3	11.4
30°-40°	872.8	13.8
40°-50°	777.1	12.3
50°-60°	595.9	9.4
60°-70°	387.0	6.1
70°-80°	187.8	3.0
80°-90°	45.3	0.7
90°-100°	204.4	3.2
100°-110°	440.8	7.0
110°-120°	411.0	6.5
120°-130°	332.9	5.3
130°-140°	267.3	4.2
140°-150°	201.6	3.2
150°-160°	142.0	2.2
160°-170°	83.7	1.3
170°-180°	27.2	0.4
0°-30°	1333.2	21.1
0°-40°	2206.0	35.0
0°-60°	3579.0	56.7
0°-90°	4199.1	66.5
90°-120°	1056.3	16.7
90°-150°	1858.0	29.4
90°-180°	2111.0	33.5
0°-180°	6310.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1620	1620	1620	1620	1620	
5°	1616	1857	1616	1428	1616	154
15°	1548	2231	1538	1086	1548	437
25°	1416	2671	1400	873	1416	652
35°	1233	2216	1216	712	1233	768
45°	964	991	963	560	964	744
55°	681	544	680	419	681	610
65°	423	309	426	249	423	423
75°	206	144	206	130	206	221
85°	47	31	45	35	47	53
90°	1	13	1	13	1	4
95°	19	133	19	133	19	19
105°	64	751	64	751	64	67
115°	114	836	114	836	114	113
125°	159	659	159	659	159	141
135°	186	547	186	547	186	144
145°	216	432	216	432	216	136
155°	247	362	247	362	247	114
165°	270	317	270	317	270	76
175°	280	285	280	285	280	27
180°	281	281	281	281	281	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4
2.5°	1621.7	1635.0	1639.0	1649.6	1661.6	1664.3	1670.9	1680.2	1685.5	1684.2	1684.2
5°	1616.4	1639.0	1654.9	1673.6	1696.2	1705.5	1713.5	1733.4	1749.4	1758.7	1774.7
7.5°	1607.0	1640.3	1666.9	1694.9	1729.4	1745.4	1762.7	1790.6	1819.9	1838.5	1855.8
10°	1592.4	1635.0	1672.2	1713.5	1760.0	1784.0	1805.3	1847.8	1883.8	1907.7	1947.6
12.5°	1571.1	1624.3	1676.2	1730.8	1789.3	1814.6	1843.8	1890.4	1941.0	1975.6	2008.8
15°	1548.5	1612.4	1668.2	1733.4	1803.9	1842.5	1879.8	1929.0	1974.2	2012.8	2051.4
17.5°	1521.9	1589.8	1658.9	1733.4	1813.3	1851.8	1883.8	1942.3	1990.2	2028.8	2063.4
20°	1490.0	1565.8	1644.3	1726.8	1807.9	1843.8	1874.4	1938.3	1980.9	2022.1	2071.3
22.5°	1455.4	1537.9	1621.7	1702.8	1782.7	1821.2	1857.2	1913.0	1959.6	2015.5	2079.3
25°	1415.5	1505.9	1591.1	1672.2	1748.1	1784.0	1815.9	1877.1	1942.3	2012.8	2084.6
27.5°	1375.6	1463.4	1545.9	1620.4	1702.8	1736.1	1768.0	1845.2	1922.3	1996.8	2095.3
30°	1331.7	1420.8	1492.6	1561.8	1641.6	1676.2	1716.1	1803.9	1891.7	1992.8	2112.6
32.5°	1282.4	1363.6	1430.1	1502.0	1573.8	1616.4	1666.9	1762.7	1863.8	1984.9	2137.9
35°	1233.2	1298.4	1359.6	1427.5	1513.9	1559.2	1608.4	1709.5	1835.9	1980.9	2159.1
37.5°	1170.7	1233.2	1281.1	1350.3	1439.4	1492.6	1541.9	1658.9	1802.6	1971.6	2157.8
40°	1106.8	1160.1	1205.3	1277.1	1374.2	1423.5	1476.7	1604.4	1768.0	1945.0	2125.9
42.5°	1037.7	1082.9	1132.1	1201.3	1295.7	1343.6	1404.8	1553.8	1720.1	1907.7	2043.4
45°	964.5	1008.4	1049.6	1121.5	1215.9	1267.8	1334.3	1487.3	1661.6	1829.2	1910.4
47.5°	892.7	931.2	975.1	1037.7	1133.4	1190.7	1258.5	1422.1	1583.1	1724.1	1730.8
50°	823.5	854.1	891.3	955.2	1055.0	1109.5	1180.0	1333.0	1490.0	1587.1	1521.9
52.5°	751.6	779.6	818.2	874.0	967.2	1031.0	1092.2	1245.2	1376.9	1442.1	1322.4
55°	681.1	705.1	745.0	807.5	888.7	937.9	1000.4	1142.8	1258.5	1259.8	1129.5
57.5°	612.0	633.2	666.5	722.4	798.2	855.4	912.6	1036.3	1114.8	1092.2	947.2
60°	550.8	564.1	594.7	649.2	719.7	761.0	822.1	925.9	977.8	936.6	780.9
62.5°	486.9	500.2	524.2	568.1	634.6	678.5	717.1	802.2	838.1	775.6	647.9
65°	423.0	439.0	456.3	490.9	553.4	582.7	617.3	679.8	714.4	641.2	530.8
67.5°	367.2	375.2	392.4	428.4	472.3	498.9	522.8	565.4	572.0	513.5	423.0
70°	315.3	318.0	333.9	355.2	388.5	404.4	424.4	449.7	449.7	401.8	329.9
72.5°	256.8	260.7	272.7	295.3	315.3	323.3	329.9	345.9	343.2	299.3	250.1
75°	206.2	208.9	218.2	228.8	236.8	251.4	256.8	254.1	252.8	215.5	187.6
77.5°	159.6	161.0	167.6	176.9	178.3	183.6	179.6	179.6	167.6	146.3	131.7
80°	117.1	118.4	121.1	123.7	123.7	123.7	123.7	117.1	109.1	95.8	91.8
82.5°	78.5	78.5	79.8	82.5	81.2	78.5	75.8	69.2	63.9	59.9	57.2
85°	46.6	46.6	47.9	46.6	41.2	39.9	37.2	35.9	34.6	33.3	33.3
87.5°	22.6	21.3	18.6	16.0	16.0	16.0	16.0	16.0	16.0	14.6	14.6
90°	0.6	1.1	2.3	3.4	4.5	5.1	5.7	6.2	7.4	7.9	9.1
92.5°	8.5	10.2	15.9	24.4	36.3	46.5	56.7	95.2	159.8	230.0	226.1
95°	18.7	19.3	23.8	30.0	42.5	55.2	68.0	128.6	253.3	409.7	502.0
97.5°	28.9	29.5	32.9	39.1	50.4	59.8	69.1	111.1	206.8	375.7	542.2
100°	39.7	40.8	43.1	49.3	60.1	68.6	77.1	109.9	183.6	326.4	511.7
102.5°	51.6	52.1	53.8	60.6	70.3	78.5	86.7	115.0	173.9	289.0	457.8
105°	64.0	64.0	66.9	72.5	81.6	89.6	97.5	122.4	172.8	267.4	410.8
107.5°	75.9	77.1	79.9	84.4	94.1	101.2	108.2	132.6	176.8	256.1	375.7
110°	89.0	90.1	92.4	97.5	106.0	113.4	120.7	143.9	183.0	251.6	352.4



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	102.0	103.1	104.8	109.9	118.4	125.5	132.6	154.7	190.9	251.6	338.8
115°	114.5	115.6	117.3	122.4	130.9	138.0	145.1	166.0	198.9	253.3	329.8
117.5°	125.8	127.5	129.2	134.3	143.9	150.7	157.5	177.3	207.9	256.1	324.7
120°	137.1	138.8	141.1	146.2	155.8	162.9	170.0	189.8	217.0	260.6	321.3
122.5°	149.0	150.2	151.9	157.0	167.7	174.8	181.9	201.7	227.2	264.6	318.4
125°	158.7	159.8	162.6	167.7	178.5	185.8	193.2	211.9	236.3	269.1	316.2
127.5°	166.6	168.3	171.7	177.9	189.2	196.6	204.0	222.1	244.8	274.2	315.0
130°	173.9	175.6	180.2	187.5	199.4	206.8	214.2	231.7	253.3	278.8	313.9
132.5°	179.6	181.9	187.5	196.0	208.5	215.8	223.2	240.8	260.6	283.9	313.9
135°	185.8	188.1	194.9	204.0	215.9	223.6	231.2	248.7	267.4	288.4	313.9
137.5°	193.8	195.5	201.7	210.8	222.7	230.6	238.5	254.4	272.5	292.9	314.5
140°	200.6	202.3	209.1	218.1	228.9	236.6	244.2	260.6	277.6	295.8	315.0
142.5°	208.5	209.6	215.9	224.9	235.1	242.2	249.3	264.6	280.5	297.5	315.6
145°	216.4	217.6	223.2	231.2	241.4	247.9	254.4	269.1	283.3	298.6	315.0
147.5°	224.9	225.5	230.6	238.0	247.0	253.0	258.9	272.0	285.0	299.2	313.9
150°	232.3	233.4	237.4	244.8	252.7	257.5	262.3	274.8	286.7	299.2	312.2
152.5°	240.2	240.8	244.2	250.4	257.8	262.0	266.3	277.6	287.8	298.6	309.9
155°	247.0	247.0	250.4	256.1	261.8	265.8	269.7	279.3	288.4	297.5	307.1
157.5°	253.3	253.3	256.1	261.2	266.3	269.4	272.5	281.0	289.0	296.3	304.3
160°	259.5	258.9	261.2	265.2	269.7	272.2	274.8	282.2	289.0	294.6	301.4
162.5°	264.6	264.0	266.3	269.7	273.1	275.1	277.1	283.3	288.4	292.9	298.0
165°	269.7	268.6	270.3	273.1	275.4	277.1	278.8	283.3	287.8	291.2	294.6
167.5°	273.1	272.5	273.7	275.4	277.1	278.2	279.3	283.3	286.7	288.4	291.2
170°	276.5	275.9	276.5	277.6	278.8	279.6	280.5	283.3	285.6	286.7	288.4
172.5°	278.8	277.6	278.2	279.3	279.9	280.2	280.5	282.7	284.4	284.4	285.0
175°	280.5	279.3	279.9	280.5	280.5	280.5	280.5	282.2	283.3	282.7	282.7
177.5°	281.6	280.5	280.5	281.0	280.5	280.5	280.5	281.6	282.2	281.0	281.0
180°	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4
2.5°	1690.9	1700.2	1708.2	1704.2	1720.1	1718.8	1721.5	1726.8	1728.1	1725.4	1720.1
5°	1782.7	1796.0	1818.6	1830.5	1827.9	1838.5	1843.8	1851.8	1859.8	1857.2	1857.2
7.5°	1885.1	1903.7	1926.3	1956.9	1960.9	1970.2	1986.2	1986.2	1995.5	1991.5	1990.2
10°	1974.2	1996.8	2032.8	2056.7	2067.3	2072.7	2088.6	2094.0	2104.6	2105.9	2105.9
12.5°	2047.4	2087.3	2111.2	2135.2	2140.5	2148.5	2160.5	2168.5	2172.4	2172.4	2168.5
15°	2086.0	2117.9	2145.8	2171.1	2185.7	2192.4	2204.4	2213.7	2219.0	2231.0	2233.6
17.5°	2101.9	2140.5	2185.7	2221.7	2246.9	2253.6	2277.5	2285.5	2296.2	2301.5	2308.1
20°	2124.6	2180.4	2235.0	2278.9	2302.8	2320.1	2345.4	2382.6	2393.3	2393.3	2389.3
22.5°	2144.5	2216.3	2290.8	2361.4	2381.3	2415.9	2462.5	2502.4	2518.3	2525.0	2519.7
25°	2168.5	2266.9	2364.0	2451.8	2506.4	2531.6	2594.2	2642.1	2660.7	2671.3	2674.0
27.5°	2209.7	2333.4	2457.1	2568.9	2624.8	2654.0	2719.2	2760.5	2783.1	2792.4	2785.7
30°	2256.3	2407.9	2551.6	2651.4	2688.6	2724.5	2767.1	2783.1	2777.7	2777.7	2797.7
32.5°	2304.1	2461.1	2588.8	2654.0	2667.3	2662.0	2644.7	2596.8	2568.9	2568.9	2586.2
35°	2330.8	2466.4	2531.6	2510.3	2458.5	2427.9	2333.4	2280.2	2220.3	2216.3	2236.3
37.5°	2316.1	2374.7	2348.0	2208.4	2137.9	2079.3	1931.7	1873.1	1829.2	1768.0	1862.5
40°	2213.7	2193.7	2055.4	1854.5	1776.0	1693.5	1576.5	1517.9	1456.7	1447.4	1470.0
42.5°	2040.7	1922.3	1720.1	1525.9	1446.1	1387.5	1298.4	1241.2	1202.6	1186.7	1213.3
45°	1825.2	1639.0	1436.8	1282.4	1194.6	1164.0	1082.9	1032.3	1003.1	991.1	1009.7
47.5°	1561.8	1374.2	1182.7	1052.3	1000.4	969.8	915.3	871.4	846.1	838.1	846.1
50°	1326.3	1133.4	972.5	888.7	842.1	816.8	771.6	743.7	723.7	718.4	731.7
52.5°	1122.8	947.2	824.8	750.3	719.7	698.4	666.5	642.6	630.6	625.3	634.6
55°	940.5	798.2	699.8	635.9	613.3	600.0	572.0	558.7	545.4	544.1	553.4
57.5°	779.6	681.1	590.7	545.4	538.8	518.8	494.9	482.9	476.3	474.9	478.9
60°	649.2	561.4	506.9	466.9	457.6	441.7	428.4	420.4	412.4	409.7	412.4
62.5°	540.1	470.9	427.0	400.4	387.1	383.1	368.5	359.2	357.9	357.9	360.5
65°	445.7	387.1	359.2	337.9	328.6	324.6	314.0	307.3	308.6	308.6	310.0
67.5°	363.2	320.6	295.3	284.7	276.7	275.4	264.7	262.1	259.4	259.4	262.1
70°	288.7	262.1	243.5	238.1	236.8	227.5	223.5	222.2	218.2	219.5	219.5
72.5°	226.2	208.9	198.2	190.2	191.6	186.2	180.9	180.9	178.3	182.3	182.3
75°	167.6	159.6	151.7	149.0	151.7	149.0	145.0	143.7	145.0	143.7	143.7
77.5°	123.7	119.7	117.1	115.7	115.7	110.4	107.8	110.4	105.1	107.8	107.8
80°	86.5	81.2	79.8	77.2	78.5	74.5	75.8	73.2	73.2	73.2	73.2
82.5°	54.5	53.2	53.2	53.2	51.9	51.9	51.9	51.9	51.9	51.9	50.6
85°	33.3	31.9	31.9	31.9	30.6	30.6	30.6	30.6	30.6	30.6	30.6
87.5°	13.3	14.6	14.6	16.0	14.6	13.3	13.3	13.3	14.6	14.6	13.3
90°	9.6	10.2	10.8	11.3	11.9	12.5	12.5	12.5	13.0	13.0	13.0
92.5°	182.4	123.0	88.4	65.7	60.4	55.0	45.9	44.2	43.1	41.9	43.1
95°	491.3	407.4	321.3	251.6	227.8	204.0	163.8	146.8	142.2	133.2	142.2
97.5°	613.6	584.2	515.6	445.4	411.4	377.4	343.4	313.9	298.6	291.8	298.6
100°	653.3	696.9	669.2	610.8	581.3	551.9	512.8	472.0	451.0	442.0	451.0
102.5°	629.5	734.9	763.2	742.8	725.2	707.7	665.2	639.1	615.9	609.7	615.9
105°	573.4	709.4	787.0	812.0	808.8	805.7	787.6	768.9	757.6	750.8	757.6
107.5°	520.1	657.3	759.8	819.9	832.4	844.8	849.9	847.1	841.4	835.8	841.4
110°	476.0	598.3	706.0	785.9	810.0	834.1	859.6	870.3	874.3	874.3	874.3

TEST NUMBER: P1028506

CATALOG NUMBER: S125RDIP-B1090D610UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	443.1	551.9	652.7	733.8	763.2	792.7	832.9	853.3	864.6	869.7	864.6
115°	421.0	514.5	602.3	679.9	710.8	741.7	785.9	813.1	829.0	836.3	829.0
117.5°	406.3	488.4	566.0	634.0	663.2	692.4	737.2	765.5	781.4	785.9	781.4
120°	394.4	468.0	536.0	598.3	623.2	648.2	690.1	717.3	732.6	737.2	732.6
122.5°	384.2	452.7	514.5	568.3	591.2	614.2	650.5	674.8	690.1	694.1	690.1
125°	375.1	438.0	495.8	545.1	565.5	585.9	617.6	640.8	653.3	659.0	653.3
127.5°	366.6	422.7	477.7	524.1	543.4	562.6	591.5	612.5	624.4	626.7	624.4
130°	358.1	408.5	458.4	502.6	521.0	539.4	567.7	586.4	597.8	601.2	597.8
132.5°	351.3	394.4	440.3	479.4	497.0	514.5	542.8	561.5	571.7	575.7	571.7
135°	346.2	382.5	421.6	457.8	474.0	490.1	515.1	533.7	543.9	547.3	543.9
137.5°	341.1	371.7	404.6	435.7	449.9	464.1	486.7	504.3	513.9	517.9	513.9
140°	337.7	363.2	389.8	415.9	427.8	439.7	460.7	475.4	483.9	486.7	483.9
142.5°	334.9	355.8	377.4	398.9	408.8	418.7	435.7	447.6	455.6	457.8	455.6
145°	332.0	349.6	367.2	384.7	392.4	400.0	413.6	423.3	429.5	431.8	429.5
147.5°	329.2	343.4	358.1	372.3	378.2	384.2	395.5	403.4	407.4	408.5	407.4
150°	325.8	338.3	350.7	361.5	366.6	371.7	380.2	387.0	389.3	389.8	389.3
152.5°	321.8	332.6	343.4	353.0	356.7	360.4	367.2	372.3	374.5	375.1	374.5
155°	317.3	326.9	336.0	343.9	347.0	350.2	355.8	359.8	361.5	362.1	361.5
157.5°	313.3	321.3	329.2	335.4	338.0	340.5	345.1	348.5	350.2	350.2	350.2
160°	308.2	315.6	321.3	326.9	328.9	330.9	334.9	337.7	338.8	338.3	338.8
162.5°	303.7	309.4	314.5	319.0	320.7	322.4	325.2	327.5	327.5	327.5	327.5
165°	299.2	303.7	307.7	311.1	312.5	313.9	316.2	317.3	317.3	317.3	317.3
167.5°	294.6	298.0	300.9	303.7	304.8	306.0	307.1	308.2	307.7	307.7	307.7
170°	290.7	293.5	295.2	296.9	297.4	298.0	299.2	299.7	299.7	299.2	299.7
172.5°	286.7	288.4	290.1	291.2	291.5	291.8	291.8	292.9	291.8	291.2	291.8
175°	283.3	285.0	285.0	286.1	286.1	286.1	286.1	286.7	285.6	285.0	285.6
177.5°	281.6	282.2	282.7	282.7	282.7	282.7	282.2	282.7	281.0	281.0	281.0
180°	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0

TEST NUMBER: P1028506

CATALOG NUMBER: S125RDIP-B1090D610UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4
2.5°	1726.8	1717.5	1721.5	1717.5	1713.5	1709.5	1700.2	1686.9	1676.2	1668.2	1666.9
5°	1859.8	1847.8	1839.9	1835.9	1827.9	1817.2	1799.9	1780.0	1756.0	1746.7	1728.1
7.5°	1982.2	1978.2	1959.6	1956.9	1951.6	1931.7	1902.4	1875.8	1845.2	1819.9	1796.0
10°	2097.9	2088.6	2075.3	2056.7	2054.0	2028.8	2000.8	1963.6	1923.7	1899.7	1857.2
12.5°	2169.8	2159.1	2144.5	2132.5	2125.9	2109.9	2071.3	2034.1	1998.2	1954.3	1917.0
15°	2221.7	2208.4	2181.8	2172.4	2164.5	2143.2	2115.2	2076.7	2028.8	1998.2	1945.0
17.5°	2292.2	2276.2	2249.6	2232.3	2217.7	2184.4	2144.5	2092.6	2047.4	2012.8	1964.9
20°	2373.3	2349.4	2314.8	2292.2	2270.9	2232.3	2176.4	2115.2	2050.1	2007.5	1958.3
22.5°	2507.7	2462.5	2407.9	2376.0	2346.7	2280.2	2213.7	2137.9	2064.7	2000.8	1941.0
25°	2638.1	2592.8	2525.0	2481.1	2435.9	2358.7	2270.9	2165.8	2072.7	1998.2	1919.7
27.5°	2759.1	2712.6	2650.0	2596.8	2552.9	2437.2	2321.4	2203.0	2084.6	1982.2	1902.4
30°	2787.1	2767.1	2719.2	2672.7	2632.7	2526.3	2391.9	2241.6	2099.3	1967.6	1878.4
32.5°	2618.1	2667.3	2679.3	2672.7	2647.4	2571.5	2447.8	2289.5	2120.6	1960.9	1838.5
35°	2266.9	2356.0	2447.8	2497.0	2521.0	2531.6	2458.5	2313.5	2135.2	1950.3	1811.9
37.5°	1879.8	1966.2	2111.2	2184.4	2265.6	2372.0	2401.3	2308.1	2128.5	1942.3	1769.4
40°	1544.5	1654.9	1774.7	1841.2	1911.7	2103.3	2248.3	2237.6	2107.3	1913.0	1736.1
42.5°	1257.2	1326.3	1431.4	1504.6	1591.1	1805.3	1999.5	2095.3	2043.4	1877.1	1693.5
45°	1048.3	1101.5	1176.0	1250.5	1303.7	1498.0	1728.1	1885.1	1934.3	1813.3	1628.3
47.5°	883.3	923.3	988.4	1035.0	1092.2	1245.2	1444.7	1665.6	1769.4	1722.8	1559.2
50°	757.0	788.9	840.8	870.0	920.6	1052.3	1204.0	1435.4	1592.4	1597.7	1467.4
52.5°	646.5	678.5	722.4	747.7	778.2	867.4	1020.4	1215.9	1396.9	1463.4	1362.3
55°	562.7	581.4	617.3	637.2	665.2	751.6	848.8	1015.0	1204.0	1313.0	1249.2
57.5°	485.6	505.5	528.1	544.1	564.1	633.2	721.0	846.1	1033.7	1152.1	1130.8
60°	423.0	435.0	456.3	468.3	486.9	532.1	593.3	718.4	867.4	979.1	991.1
62.5°	364.5	375.2	389.8	400.4	412.4	448.3	493.6	582.7	713.1	834.1	850.1
65°	314.0	323.3	331.3	340.6	349.9	372.5	411.1	480.3	581.4	694.4	729.0
67.5°	268.7	271.4	283.4	284.7	290.0	307.3	335.2	391.1	464.3	554.8	600.0
70°	224.8	230.1	232.8	236.8	242.1	254.1	276.7	306.0	360.5	433.7	476.3
72.5°	182.3	183.6	187.6	190.2	195.6	204.9	215.5	238.1	272.7	325.9	364.5
75°	145.0	146.3	149.0	150.3	154.3	157.0	162.3	178.3	202.2	234.1	262.1
77.5°	109.1	111.7	114.4	114.4	115.7	118.4	121.1	126.4	138.4	159.6	183.6
80°	74.5	75.8	75.8	77.2	75.8	79.8	83.8	90.5	95.8	102.4	114.4
82.5°	51.9	51.9	51.9	53.2	53.2	54.5	54.5	55.9	57.2	61.2	66.5
85°	31.9	31.9	33.3	30.6	31.9	33.3	33.3	31.9	33.3	34.6	35.9
87.5°	13.3	13.3	14.6	14.6	14.6	14.6	13.3	14.6	13.3	14.6	14.6
90°	12.5	12.5	12.5	11.9	11.3	10.8	10.2	9.6	9.1	7.9	7.4
92.5°	44.2	45.9	55.0	60.4	65.7	88.4	123.0	182.4	226.1	230.0	159.8
95°	146.8	163.8	204.0	227.8	251.6	321.3	407.4	491.3	502.0	409.7	253.3
97.5°	313.9	343.4	377.4	411.4	445.4	515.6	584.2	613.6	542.2	375.7	206.8
100°	472.0	512.8	551.9	581.3	610.8	669.2	696.9	653.3	511.7	326.4	183.6
102.5°	639.1	665.2	707.7	725.2	742.8	763.2	734.9	629.5	457.8	289.0	173.9
105°	768.9	787.6	805.7	808.8	812.0	787.0	709.4	573.4	410.8	267.4	172.8
107.5°	847.1	849.9	844.8	832.4	819.9	759.8	657.3	520.1	375.7	256.1	176.8
110°	870.3	859.6	834.1	810.0	785.9	706.0	598.3	476.0	352.4	251.6	183.0

TEST NUMBER: P1028506

CATALOG NUMBER: S125RDIP-B1090D610UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	853.3	832.9	792.7	763.2	733.8	652.7	551.9	443.1	338.8	251.6	190.9
115°	813.1	785.9	741.7	710.8	679.9	602.3	514.5	421.0	329.8	253.3	198.9
117.5°	765.5	737.2	692.4	663.2	634.0	566.0	488.4	406.3	324.7	256.1	207.9
120°	717.3	690.1	648.2	623.2	598.3	536.0	468.0	394.4	321.3	260.6	217.0
122.5°	674.8	650.5	614.2	591.2	568.3	514.5	452.7	384.2	318.4	264.6	227.2
125°	640.8	617.6	585.9	565.5	545.1	495.8	438.0	375.1	316.2	269.1	236.3
127.5°	612.5	591.5	562.6	543.4	524.1	477.7	422.7	366.6	315.0	274.2	244.8
130°	586.4	567.7	539.4	521.0	502.6	458.4	408.5	358.1	313.9	278.8	253.3
132.5°	561.5	542.8	514.5	497.0	479.4	440.3	394.4	351.3	313.9	283.9	260.6
135°	533.7	515.1	490.1	474.0	457.8	421.6	382.5	346.2	313.9	288.4	267.4
137.5°	504.3	486.7	464.1	449.9	435.7	404.6	371.7	341.1	314.5	292.9	272.5
140°	475.4	460.7	439.7	427.8	415.9	389.8	363.2	337.7	315.0	295.8	277.6
142.5°	447.6	435.7	418.7	408.8	398.9	377.4	355.8	334.9	315.6	297.5	280.5
145°	423.3	413.6	400.0	392.4	384.7	367.2	349.6	332.0	315.0	298.6	283.3
147.5°	403.4	395.5	384.2	378.2	372.3	358.1	343.4	329.2	313.9	299.2	285.0
150°	387.0	380.2	371.7	366.6	361.5	350.7	338.3	325.8	312.2	299.2	286.7
152.5°	372.3	367.2	360.4	356.7	353.0	343.4	332.6	321.8	309.9	298.6	287.8
155°	359.8	355.8	350.2	347.0	343.9	336.0	326.9	317.3	307.1	297.5	288.4
157.5°	348.5	345.1	340.5	338.0	335.4	329.2	321.3	313.3	304.3	296.3	289.0
160°	337.7	334.9	330.9	328.9	326.9	321.3	315.6	308.2	301.4	294.6	289.0
162.5°	327.5	325.2	322.4	320.7	319.0	314.5	309.4	303.7	298.0	292.9	288.4
165°	317.3	316.2	313.9	312.5	311.1	307.7	303.7	299.2	294.6	291.2	287.8
167.5°	308.2	307.1	306.0	304.8	303.7	300.9	298.0	294.6	291.2	288.4	286.7
170°	299.7	299.2	298.0	297.4	296.9	295.2	293.5	290.7	288.4	286.7	285.6
172.5°	292.9	291.8	291.8	291.5	291.2	290.1	288.4	286.7	285.0	284.4	284.4
175°	286.7	286.1	286.1	286.1	286.1	285.0	285.0	283.3	282.7	282.7	283.3
177.5°	282.7	282.2	282.7	282.7	282.7	282.7	282.2	281.6	281.0	281.0	282.2
180°	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0

TEST NUMBER: P1028506

CATALOG NUMBER: S125RDIP-B1090D610UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4
2.5°	1662.9	1654.9	1649.6	1648.3	1640.3	1633.7	1625.7	1624.3	1620.4	1609.7	1603.1
5°	1714.8	1696.2	1692.2	1680.2	1660.3	1645.6	1627.0	1616.4	1604.4	1584.4	1568.5
7.5°	1768.0	1742.7	1724.1	1706.8	1678.9	1652.3	1625.7	1604.4	1583.1	1553.8	1529.9
10°	1819.9	1781.3	1758.7	1733.4	1694.9	1654.9	1617.7	1587.1	1552.5	1517.9	1483.3
12.5°	1867.8	1818.6	1785.3	1749.4	1701.5	1652.3	1604.4	1561.8	1525.9	1479.3	1440.8
15°	1897.1	1842.5	1809.3	1774.7	1702.8	1648.3	1592.4	1537.9	1490.0	1440.8	1404.8
17.5°	1914.4	1853.2	1815.9	1784.0	1710.8	1636.3	1564.5	1505.9	1454.1	1395.5	1347.6
20°	1906.4	1846.5	1811.9	1781.3	1696.2	1621.7	1544.5	1476.7	1411.5	1351.6	1301.1
22.5°	1889.1	1826.6	1788.0	1760.0	1684.2	1596.4	1511.3	1438.1	1370.2	1310.4	1253.2
25°	1851.8	1790.6	1757.4	1722.8	1648.3	1564.5	1478.0	1399.5	1327.7	1263.8	1200.0
27.5°	1818.6	1744.1	1709.5	1678.9	1600.4	1525.9	1440.8	1354.3	1281.1	1214.6	1150.7
30°	1780.0	1696.2	1658.9	1617.7	1547.2	1476.7	1391.5	1311.7	1235.9	1165.4	1104.2
32.5°	1738.8	1641.6	1599.1	1552.5	1480.7	1414.2	1342.3	1263.8	1188.0	1118.8	1055.0
35°	1685.5	1581.8	1532.6	1488.6	1414.2	1347.6	1281.1	1215.9	1140.1	1066.9	1005.7
37.5°	1635.0	1520.6	1468.7	1418.1	1339.7	1275.8	1221.3	1160.1	1086.9	1016.4	957.8
40°	1577.8	1446.1	1392.9	1346.3	1265.2	1194.6	1145.4	1097.5	1033.7	965.8	902.0
42.5°	1525.9	1376.9	1321.0	1273.1	1188.0	1121.5	1074.9	1035.0	979.1	916.6	851.4
45°	1454.1	1302.4	1245.2	1194.6	1108.2	1045.6	997.8	963.2	919.3	860.7	802.2
47.5°	1387.5	1230.6	1168.0	1106.8	1028.4	964.5	920.6	894.0	864.7	812.8	753.0
50°	1306.4	1148.1	1084.2	1033.7	944.5	890.0	846.1	827.5	800.9	751.6	703.7
52.5°	1218.6	1068.3	1008.4	947.2	864.7	811.5	772.9	751.6	730.4	694.4	649.2
55°	1116.2	979.1	923.3	868.7	786.2	737.0	702.4	679.8	667.8	634.6	601.3
57.5°	1017.7	888.7	836.8	786.2	714.4	658.5	635.9	615.9	598.7	574.7	546.8
60°	917.9	800.9	745.0	699.8	637.2	586.7	568.1	548.1	534.8	516.2	496.2
62.5°	803.5	703.7	661.2	618.6	565.4	525.5	504.2	488.2	470.9	459.0	441.7
65°	682.5	612.0	570.7	538.8	488.2	452.3	436.4	425.7	411.1	399.1	385.8
67.5°	569.4	513.5	496.2	461.6	423.0	391.1	379.1	365.8	353.9	347.2	335.2
70°	460.3	420.4	403.1	393.8	351.2	329.9	319.3	314.0	299.3	292.7	284.7
72.5°	356.5	341.9	329.9	318.0	290.0	276.7	264.7	259.4	248.8	243.5	240.8
75°	263.4	254.1	247.4	246.1	234.1	220.8	208.9	206.2	198.2	192.9	190.2
77.5°	184.9	182.3	180.9	182.3	174.3	166.3	163.6	161.0	151.7	150.3	150.3
80°	121.1	127.7	127.7	126.4	123.7	122.4	118.4	115.7	110.4	109.1	110.4
82.5°	74.5	78.5	79.8	82.5	81.2	79.8	77.2	75.8	77.2	74.5	75.8
85°	37.2	39.9	45.2	45.2	46.6	46.6	46.6	45.2	42.6	43.9	42.6
87.5°	14.6	16.0	16.0	16.0	14.6	18.6	20.0	20.0	20.0	17.3	17.3
90°	6.2	5.7	5.1	4.5	3.4	2.3	1.1	0.6	1.1	2.3	3.4
92.5°	95.2	56.7	46.5	36.3	24.4	15.9	10.2	8.5	10.2	15.9	24.4
95°	128.6	68.0	55.2	42.5	30.0	23.8	19.3	18.7	19.3	23.8	30.0
97.5°	111.1	69.1	59.8	50.4	39.1	32.9	29.5	28.9	29.5	32.9	39.1
100°	109.9	77.1	68.6	60.1	49.3	43.1	40.8	39.7	40.8	43.1	49.3
102.5°	115.0	86.7	78.5	70.3	60.6	53.8	52.1	51.6	52.1	53.8	60.6
105°	122.4	97.5	89.6	81.6	72.5	66.9	64.0	64.0	64.0	66.9	72.5
107.5°	132.6	108.2	101.2	94.1	84.4	79.9	77.1	75.9	77.1	79.9	84.4
110°	143.9	120.7	113.4	106.0	97.5	92.4	90.1	89.0	90.1	92.4	97.5

TEST NUMBER: P1028506

CATALOG NUMBER: S125RDIP-B1090D610UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	154.7	132.6	125.5	118.4	109.9	104.8	103.1	102.0	103.1	104.8	109.9
115°	166.0	145.1	138.0	130.9	122.4	117.3	115.6	114.5	115.6	117.3	122.4
117.5°	177.3	157.5	150.7	143.9	134.3	129.2	127.5	125.8	127.5	129.2	134.3
120°	189.8	170.0	162.9	155.8	146.2	141.1	138.8	137.1	138.8	141.1	146.2
122.5°	201.7	181.9	174.8	167.7	157.0	151.9	150.2	149.0	150.2	151.9	157.0
125°	211.9	193.2	185.8	178.5	167.7	162.6	159.8	158.7	159.8	162.6	167.7
127.5°	222.1	204.0	196.6	189.2	177.9	171.7	168.3	166.6	168.3	171.7	177.9
130°	231.7	214.2	206.8	199.4	187.5	180.2	175.6	173.9	175.6	180.2	187.5
132.5°	240.8	223.2	215.8	208.5	196.0	187.5	181.9	179.6	181.9	187.5	196.0
135°	248.7	231.2	223.6	215.9	204.0	194.9	188.1	185.8	188.1	194.9	204.0
137.5°	254.4	238.5	230.6	222.7	210.8	201.7	195.5	193.8	195.5	201.7	210.8
140°	260.6	244.2	236.6	228.9	218.1	209.1	202.3	200.6	202.3	209.1	218.1
142.5°	264.6	249.3	242.2	235.1	224.9	215.9	209.6	208.5	209.6	215.9	224.9
145°	269.1	254.4	247.9	241.4	231.2	223.2	217.6	216.4	217.6	223.2	231.2
147.5°	272.0	258.9	253.0	247.0	238.0	230.6	225.5	224.9	225.5	230.6	238.0
150°	274.8	262.3	257.5	252.7	244.8	237.4	233.4	232.3	233.4	237.4	244.8
152.5°	277.6	266.3	262.0	257.8	250.4	244.2	240.8	240.2	240.8	244.2	250.4
155°	279.3	269.7	265.8	261.8	256.1	250.4	247.0	247.0	247.0	250.4	256.1
157.5°	281.0	272.5	269.4	266.3	261.2	256.1	253.3	253.3	253.3	256.1	261.2
160°	282.2	274.8	272.2	269.7	265.2	261.2	258.9	259.5	258.9	261.2	265.2
162.5°	283.3	277.1	275.1	273.1	269.7	266.3	264.0	264.6	264.0	266.3	269.7
165°	283.3	278.8	277.1	275.4	273.1	270.3	268.6	269.7	268.6	270.3	273.1
167.5°	283.3	279.3	278.2	277.1	275.4	273.7	272.5	273.1	272.5	273.7	275.4
170°	283.3	280.5	279.6	278.8	277.6	276.5	275.9	276.5	275.9	276.5	277.6
172.5°	282.7	280.5	280.2	279.9	279.3	278.2	277.6	278.8	277.6	278.2	279.3
175°	282.2	280.5	280.5	280.5	280.5	279.9	279.3	280.5	279.3	279.9	280.5
177.5°	281.6	280.5	280.5	280.5	281.0	280.5	280.5	281.6	280.5	280.5	281.0
180°	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0

TEST NUMBER: P1028506

CATALOG NUMBER: S125RDIP-B1090D610UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4
2.5°	1599.1	1593.7	1589.8	1585.8	1568.5	1549.8	1547.2	1543.2	1535.2	1544.5	1540.5
5°	1557.8	1545.9	1539.2	1521.9	1500.6	1484.7	1471.4	1455.4	1448.7	1443.4	1442.1
7.5°	1507.3	1496.6	1484.7	1467.4	1440.8	1414.2	1394.2	1378.2	1364.9	1358.3	1358.3
10°	1458.1	1444.7	1428.8	1399.5	1374.2	1341.0	1319.7	1303.7	1285.1	1274.5	1265.2
12.5°	1407.5	1392.9	1378.2	1341.0	1311.7	1277.1	1246.5	1226.6	1217.3	1205.3	1189.3
15°	1356.9	1334.3	1319.7	1282.4	1245.2	1210.6	1190.7	1169.4	1148.1	1136.1	1130.8
17.5°	1303.7	1287.8	1263.8	1223.9	1182.7	1152.1	1122.8	1102.9	1077.6	1065.6	1053.6
20°	1255.8	1231.9	1207.9	1168.0	1128.1	1086.9	1057.6	1033.7	1017.7	1008.4	997.8
22.5°	1198.6	1176.0	1156.1	1113.5	1069.6	1031.0	999.1	984.5	968.5	953.9	943.2
25°	1149.4	1126.8	1106.8	1060.3	1012.4	976.5	952.5	933.9	916.6	910.0	899.3
27.5°	1097.5	1076.2	1049.6	1003.1	960.5	929.9	904.6	887.3	874.0	860.7	852.7
30°	1048.3	1024.4	1000.4	949.9	915.3	884.7	860.7	839.4	828.8	822.1	808.8
32.5°	1000.4	969.8	949.9	903.3	870.0	840.8	820.8	802.2	788.9	776.9	766.3
35°	948.5	915.3	895.3	856.7	822.1	792.9	775.6	762.3	746.3	735.7	730.4
37.5°	899.3	871.4	851.4	811.5	776.9	753.0	734.3	717.1	710.4	695.8	693.1
40°	846.1	822.1	803.5	764.9	733.0	714.4	694.4	678.5	666.5	659.8	650.5
42.5°	798.2	778.2	758.3	722.4	691.8	669.2	654.5	639.9	629.3	618.6	612.0
45°	754.3	733.0	714.4	679.8	649.2	629.3	614.6	597.3	594.7	580.0	573.4
47.5°	707.7	689.1	673.2	637.2	609.3	589.3	572.0	560.1	548.1	542.8	533.5
50°	662.5	643.9	625.3	593.3	568.1	548.1	530.8	517.5	510.9	502.9	494.9
52.5°	613.3	598.7	584.0	550.8	525.5	508.2	493.6	476.3	469.6	463.0	457.6
55°	572.0	550.8	534.8	506.9	484.2	465.6	449.7	436.4	429.7	424.4	417.7
57.5°	516.2	502.9	489.6	464.3	443.0	424.4	408.4	397.8	389.8	385.8	387.1
60°	468.3	453.6	445.7	419.1	397.8	383.1	368.5	357.9	349.9	345.9	344.6
62.5°	417.7	407.1	392.4	373.8	352.5	339.2	328.6	320.6	307.3	306.0	302.0
65°	368.5	360.5	347.2	329.9	312.6	300.7	288.7	278.0	272.7	266.1	262.1
67.5°	320.6	312.6	300.7	286.0	274.0	262.1	251.4	240.8	231.5	226.2	223.5
70°	274.0	267.4	259.4	242.1	227.5	218.2	210.2	203.5	194.2	191.6	190.2
72.5°	228.8	222.2	218.2	203.5	190.2	182.3	174.3	167.6	163.6	162.3	158.3
75°	187.6	180.9	175.6	162.3	154.3	149.0	141.0	138.4	134.4	133.0	131.7
77.5°	146.3	139.7	138.4	129.0	119.7	117.1	114.4	109.1	109.1	109.1	106.4
80°	105.1	103.8	102.4	93.1	89.1	86.5	85.1	81.2	78.5	75.8	74.5
82.5°	70.5	69.2	67.8	63.9	59.9	58.5	57.2	54.5	54.5	55.9	53.2
85°	42.6	39.9	38.6	37.2	34.6	34.6	35.9	34.6	34.6	34.6	33.3
87.5°	16.0	16.0	16.0	16.0	17.3	14.6	16.0	16.0	14.6	14.6	13.3
90°	4.5	5.1	5.7	6.2	7.4	7.9	9.1	9.6	10.2	10.8	11.3
92.5°	36.3	46.5	56.7	95.2	159.8	230.0	226.1	182.4	123.0	88.4	65.7
95°	42.5	55.2	68.0	128.6	253.3	409.7	502.0	491.3	407.4	321.3	251.6
97.5°	50.4	59.8	69.1	111.1	206.8	375.7	542.2	613.6	584.2	515.6	445.4
100°	60.1	68.6	77.1	109.9	183.6	326.4	511.7	653.3	696.9	669.2	610.8
102.5°	70.3	78.5	86.7	115.0	173.9	289.0	457.8	629.5	734.9	763.2	742.8
105°	81.6	89.6	97.5	122.4	172.8	267.4	410.8	573.4	709.4	787.0	812.0
107.5°	94.1	101.2	108.2	132.6	176.8	256.1	375.7	520.1	657.3	759.8	819.9
110°	106.0	113.4	120.7	143.9	183.0	251.6	352.4	476.0	598.3	706.0	785.9

TEST NUMBER: P1028506

CATALOG NUMBER: S125RDIP-B1090D610UB27-4FO-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	118.4	125.5	132.6	154.7	190.9	251.6	338.8	443.1	551.9	652.7	733.8
115°	130.9	138.0	145.1	166.0	198.9	253.3	329.8	421.0	514.5	602.3	679.9
117.5°	143.9	150.7	157.5	177.3	207.9	256.1	324.7	406.3	488.4	566.0	634.0
120°	155.8	162.9	170.0	189.8	217.0	260.6	321.3	394.4	468.0	536.0	598.3
122.5°	167.7	174.8	181.9	201.7	227.2	264.6	318.4	384.2	452.7	514.5	568.3
125°	178.5	185.8	193.2	211.9	236.3	269.1	316.2	375.1	438.0	495.8	545.1
127.5°	189.2	196.6	204.0	222.1	244.8	274.2	315.0	366.6	422.7	477.7	524.1
130°	199.4	206.8	214.2	231.7	253.3	278.8	313.9	358.1	408.5	458.4	502.6
132.5°	208.5	215.8	223.2	240.8	260.6	283.9	313.9	351.3	394.4	440.3	479.4
135°	215.9	223.6	231.2	248.7	267.4	288.4	313.9	346.2	382.5	421.6	457.8
137.5°	222.7	230.6	238.5	254.4	272.5	292.9	314.5	341.1	371.7	404.6	435.7
140°	228.9	236.6	244.2	260.6	277.6	295.8	315.0	337.7	363.2	389.8	415.9
142.5°	235.1	242.2	249.3	264.6	280.5	297.5	315.6	334.9	355.8	377.4	398.9
145°	241.4	247.9	254.4	269.1	283.3	298.6	315.0	332.0	349.6	367.2	384.7
147.5°	247.0	253.0	258.9	272.0	285.0	299.2	313.9	329.2	343.4	358.1	372.3
150°	252.7	257.5	262.3	274.8	286.7	299.2	312.2	325.8	338.3	350.7	361.5
152.5°	257.8	262.0	266.3	277.6	287.8	298.6	309.9	321.8	332.6	343.4	353.0
155°	261.8	265.8	269.7	279.3	288.4	297.5	307.1	317.3	326.9	336.0	343.9
157.5°	266.3	269.4	272.5	281.0	289.0	296.3	304.3	313.3	321.3	329.2	335.4
160°	269.7	272.2	274.8	282.2	289.0	294.6	301.4	308.2	315.6	321.3	326.9
162.5°	273.1	275.1	277.1	283.3	288.4	292.9	298.0	303.7	309.4	314.5	319.0
165°	275.4	277.1	278.8	283.3	287.8	291.2	294.6	299.2	303.7	307.7	311.1
167.5°	277.1	278.2	279.3	283.3	286.7	288.4	291.2	294.6	298.0	300.9	303.7
170°	278.8	279.6	280.5	283.3	285.6	286.7	288.4	290.7	293.5	295.2	296.9
172.5°	279.9	280.2	280.5	282.7	284.4	284.4	285.0	286.7	288.4	290.1	291.2
175°	280.5	280.5	280.5	282.2	283.3	282.7	282.7	283.3	285.0	285.0	286.1
177.5°	280.5	280.5	280.5	281.6	282.2	281.0	281.0	281.6	282.2	282.7	282.7
180°	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0

TEST NUMBER: P1028506

CATALOG NUMBER: S125RDIP-B1090D610UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4
2.5°	1533.9	1536.5	1529.9	1527.2	1521.9	1528.6	1529.9	1528.6	1540.5	1535.2	1537.9
5°	1444.7	1439.4	1435.4	1426.1	1426.1	1427.5	1431.4	1424.8	1428.8	1438.1	1436.8
7.5°	1346.3	1343.6	1345.0	1334.3	1326.3	1329.0	1326.3	1338.3	1345.0	1342.3	1347.6
10°	1257.2	1262.5	1250.5	1245.2	1239.9	1245.2	1243.9	1246.5	1254.5	1259.8	1269.1
12.5°	1185.3	1184.0	1177.3	1172.0	1162.7	1165.4	1173.4	1170.7	1172.0	1184.0	1182.7
15°	1117.5	1109.5	1104.2	1092.2	1094.9	1085.6	1093.5	1102.9	1106.8	1117.5	1124.1
17.5°	1049.6	1048.3	1041.7	1040.3	1025.7	1021.7	1029.7	1032.3	1036.3	1041.7	1051.0
20°	992.4	991.1	981.8	979.1	967.2	975.1	972.5	977.8	980.5	991.1	995.1
22.5°	940.5	933.9	931.2	927.2	923.3	921.9	927.2	925.9	935.2	939.2	940.5
25°	892.7	887.3	886.0	879.4	876.7	872.7	876.7	880.7	891.3	895.3	900.6
27.5°	848.8	844.8	842.1	836.8	832.8	832.8	835.5	840.8	844.8	847.4	850.1
30°	808.8	806.2	798.2	795.5	791.6	791.6	791.6	794.2	800.9	808.8	812.8
32.5°	767.6	762.3	757.0	757.0	753.0	753.0	754.3	757.0	763.6	764.9	771.6
35°	727.7	722.4	718.4	715.7	717.1	711.7	714.4	718.4	726.4	729.0	733.0
37.5°	689.1	687.8	679.8	675.8	678.5	678.5	677.1	679.8	685.1	690.4	693.1
40°	646.5	643.9	643.9	639.9	641.2	635.9	639.9	642.6	645.2	650.5	654.5
42.5°	609.3	606.6	601.3	602.6	598.7	598.7	601.3	602.6	606.6	613.3	615.9
45°	569.4	569.4	566.7	562.7	564.1	560.1	562.7	564.1	569.4	576.0	573.4
47.5°	530.8	529.5	529.5	524.2	526.8	522.8	526.8	528.1	530.8	534.8	533.5
50°	493.6	489.6	490.9	489.6	488.2	488.2	490.9	490.9	493.6	493.6	497.5
52.5°	455.0	455.0	452.3	453.6	456.3	453.6	457.6	453.6	456.3	457.6	460.3
55°	420.4	417.7	419.1	417.7	423.0	419.1	423.0	420.4	423.0	421.7	424.4
57.5°	383.1	379.1	380.5	379.1	383.1	381.8	385.8	381.8	383.1	384.5	388.5
60°	340.6	340.6	340.6	337.9	341.9	341.9	340.6	340.6	345.9	348.5	347.2
62.5°	300.7	299.3	295.3	294.0	295.3	292.7	298.0	296.7	299.3	302.0	304.6
65°	256.8	254.1	252.8	250.1	250.1	248.8	250.1	255.4	256.8	258.1	264.7
67.5°	220.8	219.5	218.2	214.2	214.2	216.8	216.8	216.8	224.8	220.8	226.2
70°	188.9	186.2	183.6	182.3	182.3	183.6	184.9	186.2	184.9	190.2	191.6
72.5°	158.3	159.6	157.0	157.0	157.0	155.6	155.6	158.3	159.6	158.3	159.6
75°	131.7	131.7	130.4	131.7	131.7	130.4	130.4	133.0	133.0	131.7	135.7
77.5°	106.4	105.1	102.4	99.8	101.1	99.8	101.1	99.8	103.8	107.8	105.1
80°	74.5	73.2	73.2	73.2	74.5	73.2	75.8	73.2	74.5	74.5	75.8
82.5°	53.2	54.5	54.5	53.2	54.5	53.2	54.5	54.5	54.5	53.2	54.5
85°	34.6	34.6	34.6	34.6	33.3	34.6	34.6	34.6	35.9	34.6	35.9
87.5°	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	16.0	14.6	16.0
90°	11.9	12.5	12.5	12.5	13.0	13.0	13.0	12.5	12.5	12.5	11.9
92.5°	60.4	55.0	45.9	44.2	43.1	41.9	43.1	44.2	45.9	55.0	60.4
95°	227.8	204.0	163.8	146.8	142.2	133.2	142.2	146.8	163.8	204.0	227.8
97.5°	411.4	377.4	343.4	313.9	298.6	291.8	298.6	313.9	343.4	377.4	411.4
100°	581.3	551.9	512.8	472.0	451.0	442.0	451.0	472.0	512.8	551.9	581.3
102.5°	725.2	707.7	665.2	639.1	615.9	609.7	615.9	639.1	665.2	707.7	725.2
105°	808.8	805.7	787.6	768.9	757.6	750.8	757.6	768.9	787.6	805.7	808.8
107.5°	832.4	844.8	849.9	847.1	841.4	835.8	841.4	847.1	849.9	844.8	832.4
110°	810.0	834.1	859.6	870.3	874.3	874.3	874.3	870.3	859.6	834.1	810.0

TEST NUMBER: P1028506

CATALOG NUMBER: S125RDIP-B1090D610UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	763.2	792.7	832.9	853.3	864.6	869.7	864.6	853.3	832.9	792.7	763.2
115°	710.8	741.7	785.9	813.1	829.0	836.3	829.0	813.1	785.9	741.7	710.8
117.5°	663.2	692.4	737.2	765.5	781.4	785.9	781.4	765.5	737.2	692.4	663.2
120°	623.2	648.2	690.1	717.3	732.6	737.2	732.6	717.3	690.1	648.2	623.2
122.5°	591.2	614.2	650.5	674.8	690.1	694.1	690.1	674.8	650.5	614.2	591.2
125°	565.5	585.9	617.6	640.8	653.3	659.0	653.3	640.8	617.6	585.9	565.5
127.5°	543.4	562.6	591.5	612.5	624.4	626.7	624.4	612.5	591.5	562.6	543.4
130°	521.0	539.4	567.7	586.4	597.8	601.2	597.8	586.4	567.7	539.4	521.0
132.5°	497.0	514.5	542.8	561.5	571.7	575.7	571.7	561.5	542.8	514.5	497.0
135°	474.0	490.1	515.1	533.7	543.9	547.3	543.9	533.7	515.1	490.1	474.0
137.5°	449.9	464.1	486.7	504.3	513.9	517.9	513.9	504.3	486.7	464.1	449.9
140°	427.8	439.7	460.7	475.4	483.9	486.7	483.9	475.4	460.7	439.7	427.8
142.5°	408.8	418.7	435.7	447.6	455.6	457.8	455.6	447.6	435.7	418.7	408.8
145°	392.4	400.0	413.6	423.3	429.5	431.8	429.5	423.3	413.6	400.0	392.4
147.5°	378.2	384.2	395.5	403.4	407.4	408.5	407.4	403.4	395.5	384.2	378.2
150°	366.6	371.7	380.2	387.0	389.3	389.8	389.3	387.0	380.2	371.7	366.6
152.5°	356.7	360.4	367.2	372.3	374.5	375.1	374.5	372.3	367.2	360.4	356.7
155°	347.0	350.2	355.8	359.8	361.5	362.1	361.5	359.8	355.8	350.2	347.0
157.5°	338.0	340.5	345.1	348.5	350.2	350.2	350.2	348.5	345.1	340.5	338.0
160°	328.9	330.9	334.9	337.7	338.8	338.3	338.8	337.7	334.9	330.9	328.9
162.5°	320.7	322.4	325.2	327.5	327.5	327.5	327.5	327.5	325.2	322.4	320.7
165°	312.5	313.9	316.2	317.3	317.3	317.3	317.3	317.3	316.2	313.9	312.5
167.5°	304.8	306.0	307.1	308.2	307.7	307.7	307.7	308.2	307.1	306.0	304.8
170°	297.4	298.0	299.2	299.7	299.7	299.2	299.7	299.7	299.2	298.0	297.4
172.5°	291.5	291.8	291.8	292.9	291.8	291.2	291.8	292.9	291.8	291.8	291.5
175°	286.1	286.1	286.1	286.7	285.6	285.0	285.6	286.7	286.1	286.1	286.1
177.5°	282.7	282.7	282.2	282.7	281.0	281.0	281.0	282.7	282.2	282.7	282.7
180°	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0

TEST NUMBER: P1028506

CATALOG NUMBER: S125RDIP-B1090D610UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4
2.5°	1532.6	1539.2	1533.9	1529.9	1540.5	1545.9	1545.9	1555.2	1564.5	1572.5	1573.8
5°	1438.1	1448.7	1451.4	1450.1	1466.0	1474.0	1491.3	1500.6	1513.9	1523.2	1533.9
7.5°	1351.6	1366.3	1367.6	1370.2	1394.2	1407.5	1422.1	1446.1	1464.7	1478.0	1490.0
10°	1265.2	1274.5	1283.8	1295.7	1319.7	1342.3	1363.6	1388.9	1412.8	1426.1	1443.4
12.5°	1200.0	1206.6	1217.3	1225.2	1250.5	1270.5	1298.4	1333.0	1367.6	1378.2	1399.5
15°	1132.1	1136.1	1157.4	1165.4	1186.7	1219.9	1237.2	1270.5	1307.7	1327.7	1351.6
17.5°	1053.6	1077.6	1090.9	1100.2	1126.8	1153.4	1181.3	1215.9	1263.8	1282.4	1299.7
20°	997.8	1015.0	1029.7	1041.7	1065.6	1105.5	1130.8	1158.7	1204.0	1225.2	1250.5
22.5°	948.5	963.2	976.5	989.8	1005.7	1041.7	1070.9	1109.5	1154.7	1174.7	1204.0
25°	902.0	916.6	924.6	940.5	961.8	987.1	1021.7	1056.3	1101.5	1124.1	1152.1
27.5°	856.7	871.4	886.0	899.3	913.9	937.9	961.8	1005.7	1052.3	1078.9	1102.9
30°	818.2	824.8	838.1	852.7	867.4	890.0	917.9	948.5	1001.7	1025.7	1055.0
32.5°	775.6	787.6	796.9	807.5	826.1	844.8	870.0	908.6	951.2	973.8	1005.7
35°	735.7	746.3	753.0	771.6	783.6	803.5	828.8	863.4	899.3	924.6	952.5
37.5°	697.1	707.7	715.7	726.4	742.3	759.6	786.2	811.5	854.1	875.4	907.3
40°	657.2	666.5	675.8	687.8	702.4	723.7	739.7	771.6	806.2	830.1	854.1
42.5°	618.6	623.9	634.6	647.9	662.5	681.1	703.7	729.0	763.6	784.9	806.2
45°	577.4	586.7	598.7	608.0	621.3	639.9	659.8	682.5	717.1	738.3	761.0
47.5°	538.8	545.4	553.4	568.1	585.3	598.7	619.9	641.2	673.2	693.1	714.4
50°	498.9	505.5	517.5	526.8	540.1	557.4	577.4	600.0	630.6	643.9	665.2
52.5°	461.6	464.3	476.3	485.6	498.9	518.8	534.8	554.8	584.0	598.7	619.9
55°	424.4	427.0	433.7	443.0	457.6	473.6	490.9	513.5	538.8	552.1	572.0
57.5°	385.8	388.5	395.1	401.8	416.4	431.0	451.0	469.6	494.9	506.9	525.5
60°	347.2	347.2	353.9	363.2	373.8	387.1	404.4	427.0	445.7	460.3	473.6
62.5°	306.0	310.0	314.0	320.6	332.6	348.5	363.2	379.1	401.8	412.4	424.4
65°	264.7	268.7	276.7	283.4	292.7	303.3	321.9	335.2	352.5	364.5	375.2
67.5°	228.8	232.8	238.1	246.1	252.8	264.7	278.0	291.3	310.0	318.0	325.9
70°	191.6	195.6	199.6	210.2	216.8	226.2	235.5	248.8	264.7	270.1	276.7
72.5°	162.3	163.6	169.0	171.6	180.9	188.9	199.6	207.5	219.5	226.2	231.5
75°	137.0	137.0	138.4	141.0	146.3	151.7	159.6	167.6	178.3	182.3	188.9
77.5°	107.8	111.7	110.4	113.1	115.7	118.4	125.1	130.4	141.0	143.7	146.3
80°	77.2	78.5	82.5	86.5	86.5	90.5	94.5	95.8	102.4	106.4	106.4
82.5°	55.9	57.2	55.9	57.2	58.5	59.9	63.9	69.2	69.2	70.5	73.2
85°	34.6	34.6	35.9	37.2	37.2	35.9	38.6	37.2	38.6	41.2	41.2
87.5°	17.3	16.0	16.0	16.0	16.0	16.0	17.3	16.0	17.3	17.3	17.3
90°	11.3	10.8	10.2	9.6	9.1	7.9	7.4	6.2	5.7	5.1	4.5
92.5°	65.7	88.4	123.0	182.4	226.1	230.0	159.8	95.2	56.7	46.5	36.3
95°	251.6	321.3	407.4	491.3	502.0	409.7	253.3	128.6	68.0	55.2	42.5
97.5°	445.4	515.6	584.2	613.6	542.2	375.7	206.8	111.1	69.1	59.8	50.4
100°	610.8	669.2	696.9	653.3	511.7	326.4	183.6	109.9	77.1	68.6	60.1
102.5°	742.8	763.2	734.9	629.5	457.8	289.0	173.9	115.0	86.7	78.5	70.3
105°	812.0	787.0	709.4	573.4	410.8	267.4	172.8	122.4	97.5	89.6	81.6
107.5°	819.9	759.8	657.3	520.1	375.7	256.1	176.8	132.6	108.2	101.2	94.1
110°	785.9	706.0	598.3	476.0	352.4	251.6	183.0	143.9	120.7	113.4	106.0

TEST NUMBER: P1028506

CATALOG NUMBER: S125RDIP-B1090D610UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	733.8	652.7	551.9	443.1	338.8	251.6	190.9	154.7	132.6	125.5	118.4
115°	679.9	602.3	514.5	421.0	329.8	253.3	198.9	166.0	145.1	138.0	130.9
117.5°	634.0	566.0	488.4	406.3	324.7	256.1	207.9	177.3	157.5	150.7	143.9
120°	598.3	536.0	468.0	394.4	321.3	260.6	217.0	189.8	170.0	162.9	155.8
122.5°	568.3	514.5	452.7	384.2	318.4	264.6	227.2	201.7	181.9	174.8	167.7
125°	545.1	495.8	438.0	375.1	316.2	269.1	236.3	211.9	193.2	185.8	178.5
127.5°	524.1	477.7	422.7	366.6	315.0	274.2	244.8	222.1	204.0	196.6	189.2
130°	502.6	458.4	408.5	358.1	313.9	278.8	253.3	231.7	214.2	206.8	199.4
132.5°	479.4	440.3	394.4	351.3	313.9	283.9	260.6	240.8	223.2	215.8	208.5
135°	457.8	421.6	382.5	346.2	313.9	288.4	267.4	248.7	231.2	223.6	215.9
137.5°	435.7	404.6	371.7	341.1	314.5	292.9	272.5	254.4	238.5	230.6	222.7
140°	415.9	389.8	363.2	337.7	315.0	295.8	277.6	260.6	244.2	236.6	228.9
142.5°	398.9	377.4	355.8	334.9	315.6	297.5	280.5	264.6	249.3	242.2	235.1
145°	384.7	367.2	349.6	332.0	315.0	298.6	283.3	269.1	254.4	247.9	241.4
147.5°	372.3	358.1	343.4	329.2	313.9	299.2	285.0	272.0	258.9	253.0	247.0
150°	361.5	350.7	338.3	325.8	312.2	299.2	286.7	274.8	262.3	257.5	252.7
152.5°	353.0	343.4	332.6	321.8	309.9	298.6	287.8	277.6	266.3	262.0	257.8
155°	343.9	336.0	326.9	317.3	307.1	297.5	288.4	279.3	269.7	265.8	261.8
157.5°	335.4	329.2	321.3	313.3	304.3	296.3	289.0	281.0	272.5	269.4	266.3
160°	326.9	321.3	315.6	308.2	301.4	294.6	289.0	282.2	274.8	272.2	269.7
162.5°	319.0	314.5	309.4	303.7	298.0	292.9	288.4	283.3	277.1	275.1	273.1
165°	311.1	307.7	303.7	299.2	294.6	291.2	287.8	283.3	278.8	277.1	275.4
167.5°	303.7	300.9	298.0	294.6	291.2	288.4	286.7	283.3	279.3	278.2	277.1
170°	296.9	295.2	293.5	290.7	288.4	286.7	285.6	283.3	280.5	279.6	278.8
172.5°	291.2	290.1	288.4	286.7	285.0	284.4	284.4	282.7	280.5	280.2	279.9
175°	286.1	285.0	285.0	283.3	282.7	282.7	283.3	282.2	280.5	280.5	280.5
177.5°	282.7	282.7	282.2	281.6	281.0	281.0	282.2	281.6	280.5	280.5	280.5
180°	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0

TEST NUMBER: P1028506

CATALOG NUMBER: S125RDIP-B1090D610UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1620.4	1620.4	1620.4	1620.4
2.5°	1583.1	1595.1	1607.0	1621.7
5°	1551.2	1572.5	1595.1	1616.4
7.5°	1516.6	1547.2	1576.5	1607.0
10°	1478.0	1516.6	1549.8	1592.4
12.5°	1435.4	1476.7	1523.2	1571.1
15°	1392.9	1444.7	1494.0	1548.5
17.5°	1353.0	1402.2	1456.7	1521.9
20°	1305.1	1359.6	1420.8	1490.0
22.5°	1254.5	1314.4	1380.9	1455.4
25°	1211.9	1273.1	1337.0	1415.5
27.5°	1165.4	1229.2	1291.8	1375.6
30°	1112.2	1181.3	1245.2	1331.7
32.5°	1061.6	1130.8	1201.3	1282.4
35°	1012.4	1080.2	1150.7	1233.2
37.5°	965.8	1027.0	1096.2	1170.7
40°	921.9	977.8	1039.0	1106.8
42.5°	866.1	931.2	988.4	1037.7
45°	818.2	871.4	924.6	964.5
47.5°	762.3	815.5	860.7	892.7
50°	715.7	758.3	795.5	823.5
52.5°	659.8	699.8	730.4	751.6
55°	605.3	639.9	666.5	681.1
57.5°	556.1	578.7	598.7	612.0
60°	501.5	518.8	536.1	550.8
62.5°	443.0	461.6	470.9	486.9
65°	391.1	403.1	417.7	423.0
67.5°	340.6	347.2	356.5	367.2
70°	287.4	291.3	300.7	315.3
72.5°	240.8	244.8	251.4	256.8
75°	191.6	195.6	200.9	206.2
77.5°	150.3	151.7	154.3	159.6
80°	109.1	113.1	115.7	117.1
82.5°	75.8	77.2	77.2	78.5
85°	47.9	45.2	45.2	46.6
87.5°	17.3	20.0	20.0	22.6
90°	3.4	2.3	1.1	0.6
92.5°	24.4	15.9	10.2	8.5
95°	30.0	23.8	19.3	18.7
97.5°	39.1	32.9	29.5	28.9
100°	49.3	43.1	40.8	39.7
102.5°	60.6	53.8	52.1	51.6
105°	72.5	66.9	64.0	64.0
107.5°	84.4	79.9	77.1	75.9
110°	97.5	92.4	90.1	89.0

TEST NUMBER: P1028506

CATALOG NUMBER: S125RDIP-B1090D610UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	109.9	104.8	103.1	102.0
115°	122.4	117.3	115.6	114.5
117.5°	134.3	129.2	127.5	125.8
120°	146.2	141.1	138.8	137.1
122.5°	157.0	151.9	150.2	149.0
125°	167.7	162.6	159.8	158.7
127.5°	177.9	171.7	168.3	166.6
130°	187.5	180.2	175.6	173.9
132.5°	196.0	187.5	181.9	179.6
135°	204.0	194.9	188.1	185.8
137.5°	210.8	201.7	195.5	193.8
140°	218.1	209.1	202.3	200.6
142.5°	224.9	215.9	209.6	208.5
145°	231.2	223.2	217.6	216.4
147.5°	238.0	230.6	225.5	224.9
150°	244.8	237.4	233.4	232.3
152.5°	250.4	244.2	240.8	240.2
155°	256.1	250.4	247.0	247.0
157.5°	261.2	256.1	253.3	253.3
160°	265.2	261.2	258.9	259.5
162.5°	269.7	266.3	264.0	264.6
165°	273.1	270.3	268.6	269.7
167.5°	275.4	273.7	272.5	273.1
170°	277.6	276.5	275.9	276.5
172.5°	279.3	278.2	277.6	278.8
175°	280.5	279.9	279.3	280.5
177.5°	281.0	280.5	280.5	281.6
180°	281.0	281.0	281.0	281.0

(END OF REPORT)