

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: P1028505

Luminaire Tested: S125RDIP-B1090D610UB27-4F0-XX-W2A-A1

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1028505
REPORT IS A COMBINATION OF REPORTS P1005040 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125RDIP-B1090D610UB27-4F0-XX-W2A-A1
Description: Define 5 Regressed Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473}
{m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

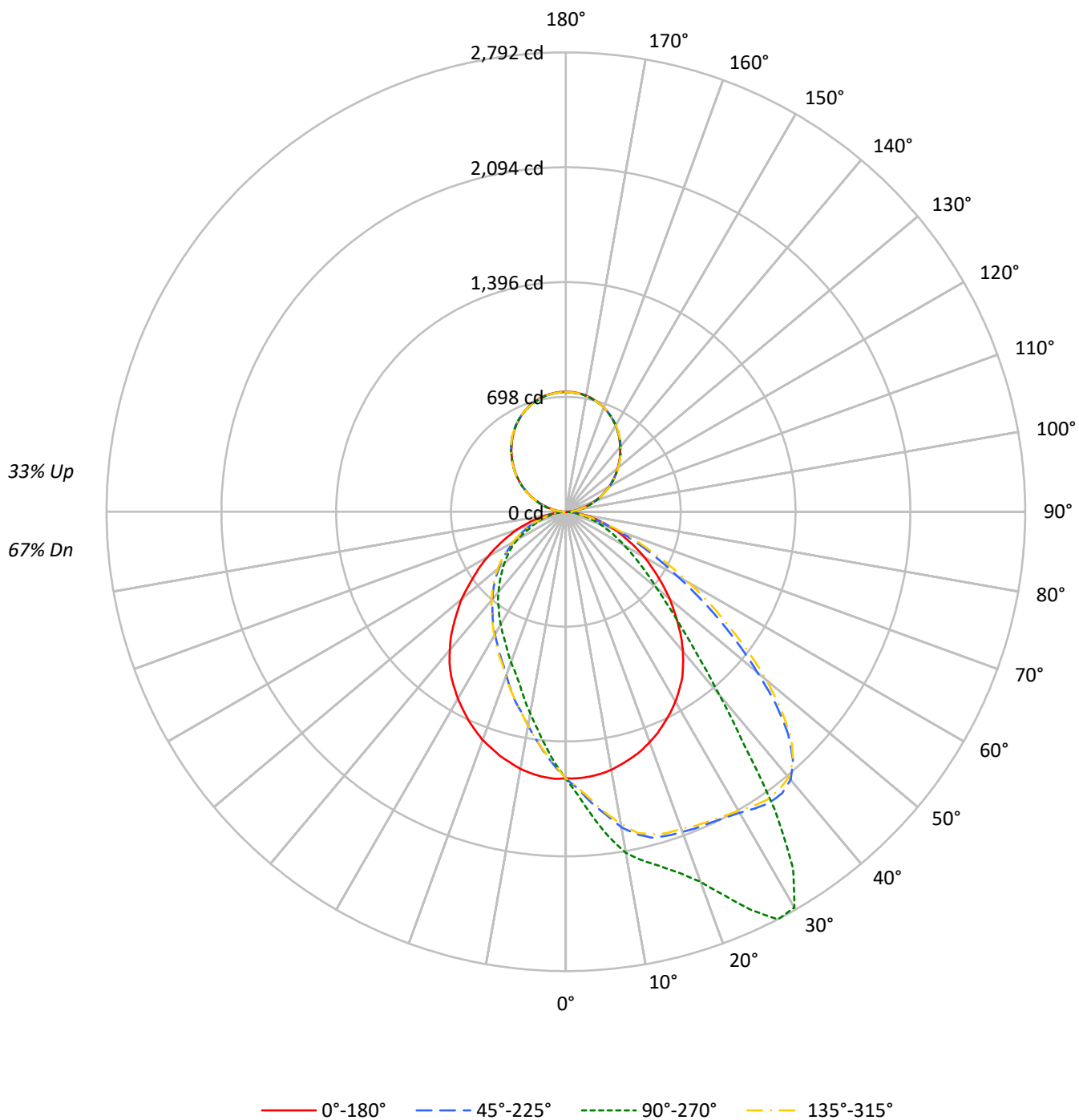
Lumens per Lamp: N/A
Luminaire Lumens: 6232.0 lumens
Efficiency: N/A
Efficacy: 100.2 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

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
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	111	111	111	111	105	105	105	105	93	93	93	82	82	82	72	72	72	69	69	69
1	102	98	94	91	96	93	89	86	83	80	78	73	71	70	65	63	62	60	58	57
2	94	86	80	75	88	82	76	72	73	69	65	65	62	59	58	55	53	51	49	48
3	86	76	69	63	81	72	66	61	65	60	56	58	54	51	51	48	46	44	42	41
4	79	68	60	54	74	64	57	52	58	52	48	52	47	44	46	43	40	38	37	36
5	72	61	53	47	68	58	50	45	52	46	42	47	42	38	42	38	35	33	32	31
6	67	55	47	41	63	52	45	39	47	41	36	42	37	34	38	34	31	29	28	27
7	62	50	42	36	58	47	40	35	43	37	32	39	34	30	35	31	28	26	25	24
8	58	45	37	32	54	43	36	31	39	33	29	36	30	27	32	28	25	23	22	21
9	54	41	34	29	51	40	33	28	36	30	26	33	28	24	30	25	22	20	19	18
10	50	38	31	26	48	36	30	25	33	27	24	30	25	22	27	23	20	18	17	16

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	7.3
20°-30°	722.3	11.6
30°-40°	872.8	14.0
40°-50°	777.1	12.5
50°-60°	595.9	9.6
60°-70°	387.0	6.2
70°-80°	187.8	3.0
80°-90°	45.3	0.7
90°-100°	48.4	0.8
100°-110°	143.9	2.3
110°-120°	244.0	3.9
120°-130°	321.3	5.2
130°-140°	360.0	5.8
140°-150°	352.9	5.7
150°-160°	296.4	4.8
160°-170°	197.0	3.2
170°-180°	69.0	1.1
0°-30°	1333.2	21.4
0°-40°	2206.0	35.4
0°-60°	3579.0	57.4
0°-90°	4199.1	67.4
90°-120°	436.4	7.0
90°-150°	1470.5	23.6
90°-180°	2033.0	32.6
0°-180°	6232.0	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	14	1	14	1	6
95°	37	49	37	49	37	39
105°	129	141	129	141	129	138
115°	244	247	244	247	244	242
125°	356	359	356	359	356	319
135°	464	465	464	465	464	357
145°	562	564	562	564	562	351
155°	643	643	643	643	643	296
165°	699	697	699	697	699	197
175°	727	724	727	724	727	69
180°	728	728	728	728	728	

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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	1.6	2.6	3.6	4.6	5.1	5.5	6.4	7.3	8.2	9.1
92.5°	17.0	17.6	18.2	18.9	19.5	19.8	20.4	21.5	22.6	23.8	24.9
95°	36.8	37.1	37.3	37.6	37.9	38.0	38.6	39.9	41.1	42.4	43.6
97.5°	56.7	56.8	57.0	57.1	57.2	57.3	58.2	59.9	61.7	63.4	65.2
100°	79.4	79.4	79.4	79.4	79.4	79.4	80.2	81.8	83.5	85.1	86.7
102.5°	103.7	104.3	105.0	105.6	106.3	106.6	106.9	107.5	108.2	108.8	109.4
105°	129.2	129.8	130.5	131.1	131.8	132.1	132.5	133.2	134.0	134.7	135.5
107.5°	157.0	157.6	158.2	158.9	159.5	159.8	160.1	160.8	161.4	162.1	162.7
110°	185.9	186.5	187.2	187.8	188.5	188.8	189.0	189.4	189.7	190.1	190.5

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	215.4	215.6	215.9	216.1	216.4	216.5	216.8	217.3	217.8	218.3	218.8
115°	244.3	244.8	245.3	245.8	246.3	246.6	246.7	247.0	247.2	247.5	247.7
117.5°	273.8	273.9	274.0	274.1	274.2	274.3	274.4	274.7	275.0	275.2	275.5
120°	301.0	301.6	302.2	302.9	303.5	303.8	303.9	304.0	304.1	304.3	304.4
122.5°	330.5	330.6	330.7	330.8	330.9	331.0	331.2	331.6	331.9	332.3	332.7
125°	356.5	357.3	358.0	358.8	359.5	359.9	360.0	360.1	360.2	360.4	360.5
127.5°	385.4	385.8	386.2	386.5	386.9	387.1	387.2	387.3	387.4	387.6	387.7
130°	411.0	411.6	412.2	412.9	413.5	413.8	413.9	414.2	414.4	414.7	414.9
132.5°	436.5	437.6	438.8	439.9	441.0	441.6	441.5	441.4	441.3	441.1	441.0
135°	463.7	464.5	465.2	466.0	466.7	467.1	467.2	467.3	467.4	467.5	467.6
137.5°	489.2	490.0	490.7	491.5	492.2	492.6	492.7	493.0	493.2	493.5	493.7
140°	513.6	514.2	514.8	515.5	516.1	516.4	516.6	517.0	517.3	517.7	518.1
142.5°	537.9	538.4	538.9	539.4	539.9	540.2	540.5	541.0	541.5	542.0	542.5
145°	561.7	562.2	562.7	563.2	563.7	564.0	564.2	564.6	564.9	565.3	565.7
147.5°	583.8	584.2	584.6	584.9	585.3	585.5	585.6	585.9	586.2	586.4	586.7
150°	605.9	605.8	605.7	605.6	605.5	605.4	605.6	606.1	606.6	607.1	607.6
152.5°	624.1	624.3	624.6	624.8	625.1	625.2	625.3	625.4	625.5	625.7	625.8
155°	642.8	642.8	642.8	642.8	642.8	642.8	642.9	643.0	643.1	643.3	643.4
157.5°	659.8	659.6	659.3	659.1	658.8	658.7	658.8	658.9	659.0	659.1	659.2
160°	674.5	674.1	673.7	673.4	673.0	672.8	672.9	673.0	673.1	673.3	673.4
162.5°	687.6	687.3	687.1	686.8	686.5	686.4	686.4	686.4	686.4	686.4	686.4
165°	698.9	698.7	698.4	698.2	697.9	697.8	697.9	698.0	698.1	698.2	698.3
167.5°	709.1	708.6	708.1	707.6	707.1	706.8	706.8	706.8	706.8	706.8	706.8
170°	717.0	716.5	716.0	715.5	715.0	714.8	714.8	714.8	714.8	714.8	714.8
172.5°	722.7	722.2	721.7	721.2	720.7	720.5	720.5	720.5	720.5	720.5	720.5
175°	726.7	726.2	725.7	725.2	724.7	724.4	724.4	724.4	724.4	724.4	724.4
177.5°	729.5	729.0	728.5	728.0	727.5	727.3	727.2	727.1	727.0	726.8	726.7
180°	728.4	728.4	728.4	728.4	728.4	728.4	728.4	728.4	728.4	728.4	728.4

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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°	9.7	10.3	11.0	11.6	11.9	12.1	12.5	12.8	13.2	13.6	13.2
92.5°	25.8	26.7	27.6	28.5	28.9	29.0	29.3	29.5	29.8	30.0	29.8
95°	44.5	45.4	46.3	47.2	47.6	47.7	48.0	48.2	48.5	48.7	48.5
97.5°	66.0	66.7	67.5	68.2	68.6	68.7	68.8	68.9	69.1	69.2	69.1
100°	87.8	89.0	90.1	91.2	91.8	91.9	92.2	92.5	92.7	93.0	92.7
102.5°	110.7	111.9	113.2	114.5	115.1	115.3	115.7	116.0	116.4	116.8	116.4
105°	136.3	137.0	137.8	138.5	138.9	139.1	139.5	139.8	140.2	140.6	140.2
107.5°	163.1	163.5	163.8	164.2	164.4	164.4	164.4	164.4	164.4	164.4	164.4
110°	190.9	191.3	191.6	192.0	192.2	192.1	192.0	191.9	191.7	191.6	191.7

TEST NUMBER: P1028505

CATALOG NUMBER: S125RDIP-B1090D610UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	218.9	219.1	219.2	219.3	219.4	219.3	219.0	218.7	218.5	218.2	218.5
115°	247.6	247.4	247.3	247.2	247.1	247.0	246.9	246.8	246.7	246.6	246.7
117.5°	275.6	275.7	275.8	275.9	276.0	275.8	275.3	274.8	274.3	273.8	274.3
120°	304.4	304.4	304.4	304.4	304.4	304.1	303.6	303.1	302.6	302.1	302.6
122.5°	332.6	332.5	332.4	332.3	332.2	332.0	331.6	331.3	330.9	330.5	330.9
125°	360.3	360.0	359.8	359.5	359.4	359.3	359.2	359.1	358.9	358.8	358.9
127.5°	387.6	387.4	387.3	387.2	387.1	387.0	386.7	386.5	386.2	386.0	386.2
130°	414.8	414.7	414.6	414.5	414.4	414.3	414.0	413.7	413.5	413.2	413.5
132.5°	440.9	440.7	440.6	440.5	440.4	440.2	439.8	439.5	439.1	438.7	439.1
135°	467.6	467.6	467.6	467.6	467.6	467.4	466.9	466.4	465.9	465.4	465.9
137.5°	493.8	494.0	494.1	494.2	494.3	494.0	493.3	492.7	492.0	491.4	492.0
140°	518.3	518.6	518.8	519.1	519.2	518.9	518.3	517.6	517.0	516.4	517.0
142.5°	542.6	542.7	542.8	542.9	543.0	542.7	542.1	541.4	540.8	540.2	540.8
145°	565.7	565.7	565.7	565.7	565.7	565.5	565.1	564.8	564.4	564.0	564.4
147.5°	587.1	587.5	587.8	588.2	588.4	587.9	586.9	585.8	584.8	583.8	584.8
150°	607.6	607.6	607.6	607.6	607.6	607.5	607.2	607.0	606.7	606.5	606.7
152.5°	626.2	626.6	626.9	627.3	627.5	627.2	626.7	626.2	625.7	625.2	625.7
155°	643.9	644.4	644.9	645.4	645.6	645.3	644.7	644.0	643.4	642.8	643.4
157.5°	659.7	660.2	660.7	661.2	661.5	661.1	660.2	659.3	658.4	657.5	658.4
160°	673.9	674.4	674.9	675.4	675.7	675.4	674.7	674.1	673.4	672.8	673.4
162.5°	687.0	687.7	688.3	689.0	689.3	688.9	688.2	687.4	686.7	685.9	686.7
165°	698.8	699.3	699.8	700.3	700.6	700.2	699.5	698.7	698.0	697.2	698.0
167.5°	707.6	708.3	709.1	709.8	710.2	709.8	709.1	708.3	707.6	706.8	707.6
170°	715.6	716.3	717.1	717.8	718.2	717.8	716.9	716.0	715.1	714.2	715.1
172.5°	721.3	722.0	722.8	723.5	723.9	723.5	722.8	722.0	721.3	720.5	721.3
175°	725.2	725.9	726.7	727.4	727.8	727.4	726.5	725.6	724.8	723.9	724.8
177.5°	727.5	728.2	729.0	729.7	730.1	729.7	728.8	727.9	727.0	726.1	727.0
180°	728.4	728.4	728.4	728.4	728.4	728.4	728.4	728.4	728.4	728.4	728.4

TEST NUMBER: P1028505

CATALOG NUMBER: S125RDIP-B1090D610UB27-4F0-XX-W2A-A1

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°	12.8	12.5	12.1	11.9	11.6	11.0	10.3	9.7	9.1	8.2	7.3
92.5°	29.5	29.3	29.0	28.9	28.5	27.6	26.7	25.8	24.9	23.8	22.6
95°	48.2	48.0	47.7	47.6	47.2	46.3	45.4	44.5	43.6	42.4	41.1
97.5°	68.9	68.8	68.7	68.6	68.2	67.5	66.7	66.0	65.2	63.4	61.7
100°	92.5	92.2	91.9	91.8	91.2	90.1	89.0	87.8	86.7	85.1	83.5
102.5°	116.0	115.7	115.3	115.1	114.5	113.2	111.9	110.7	109.4	108.8	108.2
105°	139.8	139.5	139.1	138.9	138.5	137.8	137.0	136.3	135.5	134.7	134.0
107.5°	164.4	164.4	164.4	164.4	164.2	163.8	163.5	163.1	162.7	162.1	161.4
110°	191.9	192.0	192.1	192.2	192.0	191.6	191.3	190.9	190.5	190.1	189.7



TEST NUMBER: P1028505

CATALOG NUMBER: S125RDIP-B1090D610UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	218.7	219.0	219.3	219.4	219.3	219.2	219.1	218.9	218.8	218.3	217.8
115°	246.8	246.9	247.0	247.1	247.2	247.3	247.4	247.6	247.7	247.5	247.2
117.5°	274.8	275.3	275.8	276.0	275.9	275.8	275.7	275.6	275.5	275.2	275.0
120°	303.1	303.6	304.1	304.4	304.4	304.4	304.4	304.4	304.4	304.3	304.1
122.5°	331.3	331.6	332.0	332.2	332.3	332.4	332.5	332.6	332.7	332.3	331.9
125°	359.1	359.2	359.3	359.4	359.5	359.8	360.0	360.3	360.5	360.4	360.2
127.5°	386.5	386.7	387.0	387.1	387.2	387.3	387.4	387.6	387.7	387.6	387.4
130°	413.7	414.0	414.3	414.4	414.5	414.6	414.7	414.8	414.9	414.7	414.4
132.5°	439.5	439.8	440.2	440.4	440.5	440.6	440.7	440.9	441.0	441.1	441.3
135°	466.4	466.9	467.4	467.6	467.6	467.6	467.6	467.6	467.6	467.5	467.4
137.5°	492.7	493.3	494.0	494.3	494.2	494.1	494.0	493.8	493.7	493.5	493.2
140°	517.6	518.3	518.9	519.2	519.1	518.8	518.6	518.3	518.1	517.7	517.3
142.5°	541.4	542.1	542.7	543.0	542.9	542.8	542.7	542.6	542.5	542.0	541.5
145°	564.8	565.1	565.5	565.7	565.7	565.7	565.7	565.7	565.7	565.3	564.9
147.5°	585.8	586.9	587.9	588.4	588.2	587.8	587.5	587.1	586.7	586.4	586.2
150°	607.0	607.2	607.5	607.6	607.6	607.6	607.6	607.6	607.6	607.1	606.6
152.5°	626.2	626.7	627.2	627.5	627.3	626.9	626.6	626.2	625.8	625.7	625.5
155°	644.0	644.7	645.3	645.6	645.4	644.9	644.4	643.9	643.4	643.3	643.1
157.5°	659.3	660.2	661.1	661.5	661.2	660.7	660.2	659.7	659.2	659.1	659.0
160°	674.1	674.7	675.4	675.7	675.4	674.9	674.4	673.9	673.4	673.3	673.1
162.5°	687.4	688.2	688.9	689.3	689.0	688.3	687.7	687.0	686.4	686.4	686.4
165°	698.7	699.5	700.2	700.6	700.3	699.8	699.3	698.8	698.3	698.2	698.1
167.5°	708.3	709.1	709.8	710.2	709.8	709.1	708.3	707.6	706.8	706.8	706.8
170°	716.0	716.9	717.8	718.2	717.8	717.1	716.3	715.6	714.8	714.8	714.8
172.5°	722.0	722.8	723.5	723.9	723.5	722.8	722.0	721.3	720.5	720.5	720.5
175°	725.6	726.5	727.4	727.8	727.4	726.7	725.9	725.2	724.4	724.4	724.4
177.5°	727.9	728.8	729.7	730.1	729.7	729.0	728.2	727.5	726.7	726.8	727.0
180°	728.4	728.4	728.4	728.4	728.4	728.4	728.4	728.4	728.4	728.4	728.4

TEST NUMBER: P1028505

CATALOG NUMBER: S125RDIP-B1090D610UB27-4F0-XX-W2A-A1

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°	6.4	5.5	5.1	4.6	3.6	2.6	1.6	0.6	1.6	2.6	3.6
92.5°	21.5	20.4	19.8	19.5	18.9	18.2	17.6	17.0	17.6	18.2	18.9
95°	39.9	38.6	38.0	37.9	37.6	37.3	37.1	36.8	37.1	37.3	37.6
97.5°	59.9	58.2	57.3	57.2	57.1	57.0	56.8	56.7	56.8	57.0	57.1
100°	81.8	80.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
102.5°	107.5	106.9	106.6	106.3	105.6	105.0	104.3	103.7	104.3	105.0	105.6
105°	133.2	132.5	132.1	131.8	131.1	130.5	129.8	129.2	129.8	130.5	131.1
107.5°	160.8	160.1	159.8	159.5	158.9	158.2	157.6	157.0	157.6	158.2	158.9
110°	189.4	189.0	188.8	188.5	187.8	187.2	186.5	185.9	186.5	187.2	187.8

TEST NUMBER: P1028505

CATALOG NUMBER: S125RDIP-B1090D610UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	217.3	216.8	216.5	216.4	216.1	215.9	215.6	215.4	215.6	215.9	216.1
115°	247.0	246.7	246.6	246.3	245.8	245.3	244.8	244.3	244.8	245.3	245.8
117.5°	274.7	274.4	274.3	274.2	274.1	274.0	273.9	273.8	273.9	274.0	274.1
120°	304.0	303.9	303.8	303.5	302.9	302.2	301.6	301.0	301.6	302.2	302.9
122.5°	331.6	331.2	331.0	330.9	330.8	330.7	330.6	330.5	330.6	330.7	330.8
125°	360.1	360.0	359.9	359.5	358.8	358.0	357.3	356.5	357.3	358.0	358.8
127.5°	387.3	387.2	387.1	386.9	386.5	386.2	385.8	385.4	385.8	386.2	386.5
130°	414.2	413.9	413.8	413.5	412.9	412.2	411.6	411.0	411.6	412.2	412.9
132.5°	441.4	441.5	441.6	441.0	439.9	438.8	437.6	436.5	437.6	438.8	439.9
135°	467.3	467.2	467.1	466.7	466.0	465.2	464.5	463.7	464.5	465.2	466.0
137.5°	493.0	492.7	492.6	492.2	491.5	490.7	490.0	489.2	490.0	490.7	491.5
140°	517.0	516.6	516.4	516.1	515.5	514.8	514.2	513.6	514.2	514.8	515.5
142.5°	541.0	540.5	540.2	539.9	539.4	538.9	538.4	537.9	538.4	538.9	539.4
145°	564.6	564.2	564.0	563.7	563.2	562.7	562.2	561.7	562.2	562.7	563.2
147.5°	585.9	585.6	585.5	585.3	584.9	584.6	584.2	583.8	584.2	584.6	584.9
150°	606.1	605.6	605.4	605.5	605.6	605.7	605.8	605.9	605.8	605.7	605.6
152.5°	625.4	625.3	625.2	625.1	624.8	624.6	624.3	624.1	624.3	624.6	624.8
155°	643.0	642.9	642.8	642.8	642.8	642.8	642.8	642.8	642.8	642.8	642.8
157.5°	658.9	658.8	658.7	658.8	659.1	659.3	659.6	659.8	659.6	659.3	659.1
160°	673.0	672.9	672.8	673.0	673.4	673.7	674.1	674.5	674.1	673.7	673.4
162.5°	686.4	686.4	686.4	686.5	686.8	687.1	687.3	687.6	687.3	687.1	686.8
165°	698.0	697.9	697.8	697.9	698.2	698.4	698.7	698.9	698.7	698.4	698.2
167.5°	706.8	706.8	706.8	707.1	707.6	708.1	708.6	709.1	708.6	708.1	707.6
170°	714.8	714.8	714.8	715.0	715.5	716.0	716.5	717.0	716.5	716.0	715.5
172.5°	720.5	720.5	720.5	720.7	721.2	721.7	722.2	722.7	722.2	721.7	721.2
175°	724.4	724.4	724.4	724.7	725.2	725.7	726.2	726.7	726.2	725.7	725.2
177.5°	727.1	727.2	727.3	727.5	728.0	728.5	729.0	729.5	729.0	728.5	728.0
180°	728.4	728.4	728.4	728.4	728.4	728.4	728.4	728.4	728.4	728.4	728.4

TEST NUMBER: P1028505

CATALOG NUMBER: S125RDIP-B1090D610UB27-4F0-XX-W2A-A1

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°	4.6	5.1	5.5	6.4	7.3	8.2	9.1	9.7	10.3	11.0	11.6
92.5°	19.5	19.8	20.4	21.5	22.6	23.8	24.9	25.8	26.7	27.6	28.5
95°	37.9	38.0	38.6	39.9	41.1	42.4	43.6	44.5	45.4	46.3	47.2
97.5°	57.2	57.3	58.2	59.9	61.7	63.4	65.2	66.0	66.7	67.5	68.2
100°	79.4	79.4	80.2	81.8	83.5	85.1	86.7	87.8	89.0	90.1	91.2
102.5°	106.3	106.6	106.9	107.5	108.2	108.8	109.4	110.7	111.9	113.2	114.5
105°	131.8	132.1	132.5	133.2	134.0	134.7	135.5	136.3	137.0	137.8	138.5
107.5°	159.5	159.8	160.1	160.8	161.4	162.1	162.7	163.1	163.5	163.8	164.2
110°	188.5	188.8	189.0	189.4	189.7	190.1	190.5	190.9	191.3	191.6	192.0

TEST NUMBER: P1028505

CATALOG NUMBER: S125RDIP-B1090D610UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	216.4	216.5	216.8	217.3	217.8	218.3	218.8	218.9	219.1	219.2	219.3
115°	246.3	246.6	246.7	247.0	247.2	247.5	247.7	247.6	247.4	247.3	247.2
117.5°	274.2	274.3	274.4	274.7	275.0	275.2	275.5	275.6	275.7	275.8	275.9
120°	303.5	303.8	303.9	304.0	304.1	304.3	304.4	304.4	304.4	304.4	304.4
122.5°	330.9	331.0	331.2	331.6	331.9	332.3	332.7	332.6	332.5	332.4	332.3
125°	359.5	359.9	360.0	360.1	360.2	360.4	360.5	360.3	360.0	359.8	359.5
127.5°	386.9	387.1	387.2	387.3	387.4	387.6	387.7	387.6	387.4	387.3	387.2
130°	413.5	413.8	413.9	414.2	414.4	414.7	414.9	414.8	414.7	414.6	414.5
132.5°	441.0	441.6	441.5	441.4	441.3	441.1	441.0	440.9	440.7	440.6	440.5
135°	466.7	467.1	467.2	467.3	467.4	467.5	467.6	467.6	467.6	467.6	467.6
137.5°	492.2	492.6	492.7	493.0	493.2	493.5	493.7	493.8	494.0	494.1	494.2
140°	516.1	516.4	516.6	517.0	517.3	517.7	518.1	518.3	518.6	518.8	519.1
142.5°	539.9	540.2	540.5	541.0	541.5	542.0	542.5	542.6	542.7	542.8	542.9
145°	563.7	564.0	564.2	564.6	564.9	565.3	565.7	565.7	565.7	565.7	565.7
147.5°	585.3	585.5	585.6	585.9	586.2	586.4	586.7	587.1	587.5	587.8	588.2
150°	605.5	605.4	605.6	606.1	606.6	607.1	607.6	607.6	607.6	607.6	607.6
152.5°	625.1	625.2	625.3	625.4	625.5	625.7	625.8	626.2	626.6	626.9	627.3
155°	642.8	642.8	642.9	643.0	643.1	643.3	643.4	643.9	644.4	644.9	645.4
157.5°	658.8	658.7	658.8	658.9	659.0	659.1	659.2	659.7	660.2	660.7	661.2
160°	673.0	672.8	672.9	673.0	673.1	673.3	673.4	673.9	674.4	674.9	675.4
162.5°	686.5	686.4	686.4	686.4	686.4	686.4	686.4	687.0	687.7	688.3	689.0
165°	697.9	697.8	697.9	698.0	698.1	698.2	698.3	698.8	699.3	699.8	700.3
167.5°	707.1	706.8	706.8	706.8	706.8	706.8	706.8	707.6	708.3	709.1	709.8
170°	715.0	714.8	714.8	714.8	714.8	714.8	714.8	715.6	716.3	717.1	717.8
172.5°	720.7	720.5	720.5	720.5	720.5	720.5	720.5	721.3	722.0	722.8	723.5
175°	724.7	724.4	724.4	724.4	724.4	724.4	724.4	725.2	725.9	726.7	727.4
177.5°	727.5	727.3	727.2	727.1	727.0	726.8	726.7	727.5	728.2	729.0	729.7
180°	728.4	728.4	728.4	728.4	728.4	728.4	728.4	728.4	728.4	728.4	728.4

TEST NUMBER: P1028505

CATALOG NUMBER: S125RDIP-B1090D610UB27-4F0-XX-W2A-A1

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	12.1	12.5	12.8	13.2	13.6	13.2	12.8	12.5	12.1	11.9
92.5°	28.9	29.0	29.3	29.5	29.8	30.0	29.8	29.5	29.3	29.0	28.9
95°	47.6	47.7	48.0	48.2	48.5	48.7	48.5	48.2	48.0	47.7	47.6
97.5°	68.6	68.7	68.8	68.9	69.1	69.2	69.1	68.9	68.8	68.7	68.6
100°	91.8	91.9	92.2	92.5	92.7	93.0	92.7	92.5	92.2	91.9	91.8
102.5°	115.1	115.3	115.7	116.0	116.4	116.8	116.4	116.0	115.7	115.3	115.1
105°	138.9	139.1	139.5	139.8	140.2	140.6	140.2	139.8	139.5	139.1	138.9
107.5°	164.4	164.4	164.4	164.4	164.4	164.4	164.4	164.4	164.4	164.4	164.4
110°	192.2	192.1	192.0	191.9	191.7	191.6	191.7	191.9	192.0	192.1	192.2

TEST NUMBER: P1028505

CATALOG NUMBER: S125RDIP-B1090D610UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	219.4	219.3	219.0	218.7	218.5	218.2	218.5	218.7	219.0	219.3	219.4
115°	247.1	247.0	246.9	246.8	246.7	246.6	246.7	246.8	246.9	247.0	247.1
117.5°	276.0	275.8	275.3	274.8	274.3	273.8	274.3	274.8	275.3	275.8	276.0
120°	304.4	304.1	303.6	303.1	302.6	302.1	302.6	303.1	303.6	304.1	304.4
122.5°	332.2	332.0	331.6	331.3	330.9	330.5	330.9	331.3	331.6	332.0	332.2
125°	359.4	359.3	359.2	359.1	358.9	358.8	358.9	359.1	359.2	359.3	359.4
127.5°	387.1	387.0	386.7	386.5	386.2	386.0	386.2	386.5	386.7	387.0	387.1
130°	414.4	414.3	414.0	413.7	413.5	413.2	413.5	413.7	414.0	414.3	414.4
132.5°	440.4	440.2	439.8	439.5	439.1	438.7	439.1	439.5	439.8	440.2	440.4
135°	467.6	467.4	466.9	466.4	465.9	465.4	465.9	466.4	466.9	467.4	467.6
137.5°	494.3	494.0	493.3	492.7	492.0	491.4	492.0	492.7	493.3	494.0	494.3
140°	519.2	518.9	518.3	517.6	517.0	516.4	517.0	517.6	518.3	518.9	519.2
142.5°	543.0	542.7	542.1	541.4	540.8	540.2	540.8	541.4	542.1	542.7	543.0
145°	565.7	565.5	565.1	564.8	564.4	564.0	564.4	564.8	565.1	565.5	565.7
147.5°	588.4	587.9	586.9	585.8	584.8	583.8	584.8	585.8	586.9	587.9	588.4
150°	607.6	607.5	607.2	607.0	606.7	606.5	606.7	607.0	607.2	607.5	607.6
152.5°	627.5	627.2	626.7	626.2	625.7	625.2	625.7	626.2	626.7	627.2	627.5
155°	645.6	645.3	644.7	644.0	643.4	642.8	643.4	644.0	644.7	645.3	645.6
157.5°	661.5	661.1	660.2	659.3	658.4	657.5	658.4	659.3	660.2	661.1	661.5
160°	675.7	675.4	674.7	674.1	673.4	672.8	673.4	674.1	674.7	675.4	675.7
162.5°	689.3	688.9	688.2	687.4	686.7	685.9	686.7	687.4	688.2	688.9	689.3
165°	700.6	700.2	699.5	698.7	698.0	697.2	698.0	698.7	699.5	700.2	700.6
167.5°	710.2	709.8	709.1	708.3	707.6	706.8	707.6	708.3	709.1	709.8	710.2
170°	718.2	717.8	716.9	716.0	715.1	714.2	715.1	716.0	716.9	717.8	718.2
172.5°	723.9	723.5	722.8	722.0	721.3	720.5	721.3	722.0	722.8	723.5	723.9
175°	727.8	727.4	726.5	725.6	724.8	723.9	724.8	725.6	726.5	727.4	727.8
177.5°	730.1	729.7	728.8	727.9	727.0	726.1	727.0	727.9	728.8	729.7	730.1
180°	728.4	728.4	728.4	728.4	728.4	728.4	728.4	728.4	728.4	728.4	728.4

TEST NUMBER: P1028505

CATALOG NUMBER: S125RDIP-B1090D610UB27-4F0-XX-W2A-A1

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°	11.6	11.0	10.3	9.7	9.1	8.2	7.3	6.4	5.5	5.1	4.6
92.5°	28.5	27.6	26.7	25.8	24.9	23.8	22.6	21.5	20.4	19.8	19.5
95°	47.2	46.3	45.4	44.5	43.6	42.4	41.1	39.9	38.6	38.0	37.9
97.5°	68.2	67.5	66.7	66.0	65.2	63.4	61.7	59.9	58.2	57.3	57.2
100°	91.2	90.1	89.0	87.8	86.7	85.1	83.5	81.8	80.2	79.4	79.4
102.5°	114.5	113.2	111.9	110.7	109.4	108.8	108.2	107.5	106.9	106.6	106.3
105°	138.5	137.8	137.0	136.3	135.5	134.7	134.0	133.2	132.5	132.1	131.8
107.5°	164.2	163.8	163.5	163.1	162.7	162.1	161.4	160.8	160.1	159.8	159.5
110°	192.0	191.6	191.3	190.9	190.5	190.1	189.7	189.4	189.0	188.8	188.5

TEST NUMBER: P1028505

CATALOG NUMBER: S125RDIP-B1090D610UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	219.3	219.2	219.1	218.9	218.8	218.3	217.8	217.3	216.8	216.5	216.4
115°	247.2	247.3	247.4	247.6	247.7	247.5	247.2	247.0	246.7	246.6	246.3
117.5°	275.9	275.8	275.7	275.6	275.5	275.2	275.0	274.7	274.4	274.3	274.2
120°	304.4	304.4	304.4	304.4	304.4	304.3	304.1	304.0	303.9	303.8	303.5
122.5°	332.3	332.4	332.5	332.6	332.7	332.3	331.9	331.6	331.2	331.0	330.9
125°	359.5	359.8	360.0	360.3	360.5	360.4	360.2	360.1	360.0	359.9	359.5
127.5°	387.2	387.3	387.4	387.6	387.7	387.6	387.4	387.3	387.2	387.1	386.9
130°	414.5	414.6	414.7	414.8	414.9	414.7	414.4	414.2	413.9	413.8	413.5
132.5°	440.5	440.6	440.7	440.9	441.0	441.1	441.3	441.4	441.5	441.6	441.0
135°	467.6	467.6	467.6	467.6	467.6	467.5	467.4	467.3	467.2	467.1	466.7
137.5°	494.2	494.1	494.0	493.8	493.7	493.5	493.2	493.0	492.7	492.6	492.2
140°	519.1	518.8	518.6	518.3	518.1	517.7	517.3	517.0	516.6	516.4	516.1
142.5°	542.9	542.8	542.7	542.6	542.5	542.0	541.5	541.0	540.5	540.2	539.9
145°	565.7	565.7	565.7	565.7	565.7	565.3	564.9	564.6	564.2	564.0	563.7
147.5°	588.2	587.8	587.5	587.1	586.7	586.4	586.2	585.9	585.6	585.5	585.3
150°	607.6	607.6	607.6	607.6	607.6	607.1	606.6	606.1	605.6	605.4	605.5
152.5°	627.3	626.9	626.6	626.2	625.8	625.7	625.5	625.4	625.3	625.2	625.1
155°	645.4	644.9	644.4	643.9	643.4	643.3	643.1	643.0	642.9	642.8	642.8
157.5°	661.2	660.7	660.2	659.7	659.2	659.1	659.0	658.9	658.8	658.7	658.8
160°	675.4	674.9	674.4	673.9	673.4	673.3	673.1	673.0	672.9	672.8	673.0
162.5°	689.0	688.3	687.7	687.0	686.4	686.4	686.4	686.4	686.4	686.4	686.5
165°	700.3	699.8	699.3	698.8	698.3	698.2	698.1	698.0	697.9	697.8	697.9
167.5°	709.8	709.1	708.3	707.6	706.8	706.8	706.8	706.8	706.8	706.8	707.1
170°	717.8	717.1	716.3	715.6	714.8	714.8	714.8	714.8	714.8	714.8	715.0
172.5°	723.5	722.8	722.0	721.3	720.5	720.5	720.5	720.5	720.5	720.5	720.7
175°	727.4	726.7	725.9	725.2	724.4	724.4	724.4	724.4	724.4	724.4	724.7
177.5°	729.7	729.0	728.2	727.5	726.7	726.8	727.0	727.1	727.2	727.3	727.5
180°	728.4	728.4	728.4	728.4	728.4	728.4	728.4	728.4	728.4	728.4	728.4

TEST NUMBER: P1028505

CATALOG NUMBER: S125RDIP-B1090D610UB27-4F0-XX-W2A-A1

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°	3.6	2.6	1.6	0.6
92.5°	18.9	18.2	17.6	17.0
95°	37.6	37.3	37.1	36.8
97.5°	57.1	57.0	56.8	56.7
100°	79.4	79.4	79.4	79.4
102.5°	105.6	105.0	104.3	103.7
105°	131.1	130.5	129.8	129.2
107.5°	158.9	158.2	157.6	157.0
110°	187.8	187.2	186.5	185.9



TEST NUMBER: P1028505

CATALOG NUMBER: S125RDIP-B1090D610UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	216.1	215.9	215.6	215.4
115°	245.8	245.3	244.8	244.3
117.5°	274.1	274.0	273.9	273.8
120°	302.9	302.2	301.6	301.0
122.5°	330.8	330.7	330.6	330.5
125°	358.8	358.0	357.3	356.5
127.5°	386.5	386.2	385.8	385.4
130°	412.9	412.2	411.6	411.0
132.5°	439.9	438.8	437.6	436.5
135°	466.0	465.2	464.5	463.7
137.5°	491.5	490.7	490.0	489.2
140°	515.5	514.8	514.2	513.6
142.5°	539.4	538.9	538.4	537.9
145°	563.2	562.7	562.2	561.7
147.5°	584.9	584.6	584.2	583.8
150°	605.6	605.7	605.8	605.9
152.5°	624.8	624.6	624.3	624.1
155°	642.8	642.8	642.8	642.8
157.5°	659.1	659.3	659.6	659.8
160°	673.4	673.7	674.1	674.5
162.5°	686.8	687.1	687.3	687.6
165°	698.2	698.4	698.7	698.9
167.5°	707.6	708.1	708.6	709.1
170°	715.5	716.0	716.5	717.0
172.5°	721.2	721.7	722.2	722.7
175°	725.2	725.7	726.2	726.7
177.5°	728.0	728.5	729.0	729.5
180°	728.4	728.4	728.4	728.4

(END OF REPORT)