

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: P1028499

Luminaire Tested: S125RDIP-B1090D375UB50-4F0-XX-W2A-A1

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1028499
REPORT IS A COMBINATION OF REPORTS P1005034 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125RDIP-B1090D375UB50-4F0-XX-W2A-A1
Description: Define 5 Regressed Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015}
{m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

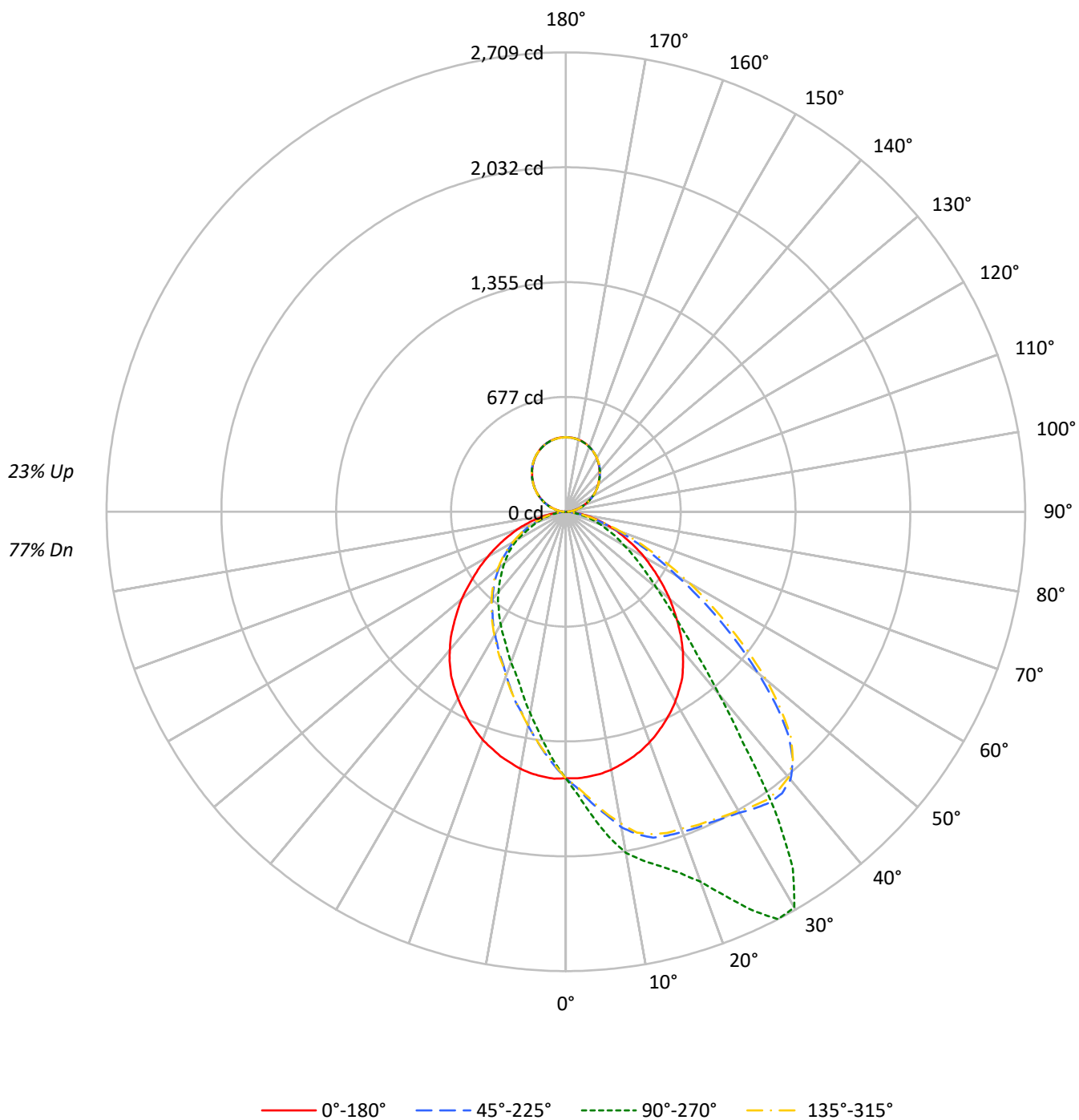
Lumens per Lamp: N/A
Luminaire Lumens: 5299.0 lumens
Efficiency: N/A
Efficacy: 94.5 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 56.1
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	114	114	114	114	108	108	108	108	98	98	98	89	89	89	81	81	81
1	104	100	96	93	99	96	92	89	87	85	82	80	78	76	73	71	70
2	96	88	82	77	91	85	79	74	77	73	69	71	67	64	65	62	60
3	88	78	71	65	83	75	68	63	69	63	59	63	59	55	58	54	51
4	81	70	62	56	77	67	60	54	61	56	51	57	52	48	52	48	45
5	74	62	54	48	71	60	52	47	55	49	44	51	46	42	47	43	39
6	69	56	48	42	65	54	47	41	50	44	39	46	41	37	43	38	35
7	64	51	43	37	61	49	42	36	46	39	35	42	37	33	39	35	31
8	59	47	39	33	56	45	38	32	42	35	31	39	33	29	36	31	28
9	55	43	35	30	53	41	34	29	38	32	28	36	30	27	33	29	25
10	52	39	32	27	49	38	31	26	36	29	25	33	28	24	31	26	23

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	10070	10070	10070	10070
5°	10061	11349	10061	8723
10°	10005	12754	9972	7541
15°	9897	13493	9829	6566
20°	9766	14566	9678	5935
25°	9594	16487	9486	5386
30°	9420	17525	9279	4994
35°	9195	14412	9066	4628
40°	8795	9787	8721	4300
45°	8270	7036	8259	3976
50°	7732	5410	7769	3677
55°	7126	4400	7112	3389
60°	6561	3605	6529	3008
65°	5905	3005	5941	2422
70°	5360	2411	5338	2017
75°	4529	1827	4529	1658
80°	3671	1115	3629	1115
85°	2584	587	2510	664

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 14334 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	150.7	2.8
10°-20°	441.9	8.3
20°-30°	700.6	13.2
30°-40°	846.6	16.0
40°-50°	753.8	14.2
50°-60°	578.0	10.9
60°-70°	375.4	7.1
70°-80°	182.2	3.4
80°-90°	43.5	0.8
90°-100°	29.2	0.6
100°-110°	86.8	1.6
110°-120°	147.2	2.8
120°-130°	193.8	3.7
130°-140°	217.2	4.1
140°-150°	212.9	4.0
150°-160°	178.8	3.4
160°-170°	118.9	2.2
170°-180°	41.6	0.8
0°-30°	1293.2	24.4
0°-40°	2139.8	40.4
0°-60°	3471.6	65.5
0°-90°	4072.7	76.9
90°-120°	263.2	5.0
90°-150°	887.1	16.7
90°-180°	1226.0	23.1
0°-180°	5299.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1572	1572	1572	1572	1572	
5°	1568	1801	1568	1385	1568	149
15°	1502	2164	1492	1053	1502	424
25°	1373	2591	1358	846	1373	633
35°	1196	2150	1179	690	1196	745
45°	936	961	934	543	936	722
55°	661	528	659	406	661	592
65°	410	299	413	241	410	410
75°	200	139	200	126	200	214
85°	45	30	44	34	45	51
90°	0	8	0	8	0	4
95°	22	29	22	29	22	23
105°	78	85	78	85	78	83
115°	147	149	147	149	147	146
125°	215	216	215	216	215	193
135°	280	281	280	281	280	216
145°	339	340	339	340	339	212
155°	388	388	388	388	388	179
165°	422	421	422	421	422	119
175°	438	437	438	437	438	42
180°	439	439	439	439	439	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7
2.5°	1573.0	1585.9	1589.8	1600.1	1611.7	1614.3	1620.8	1629.8	1634.9	1633.7	1633.7
5°	1567.8	1589.8	1605.3	1623.3	1645.3	1654.3	1662.0	1681.4	1696.9	1705.9	1721.4
7.5°	1558.8	1591.1	1616.9	1644.0	1677.5	1693.0	1709.8	1736.9	1765.3	1783.3	1800.1
10°	1544.6	1585.9	1622.0	1662.0	1707.2	1730.4	1751.1	1792.4	1827.2	1850.4	1889.2
12.5°	1524.0	1575.6	1625.9	1678.8	1735.6	1760.1	1788.5	1833.7	1882.7	1916.3	1948.5
15°	1502.0	1564.0	1618.2	1681.4	1749.8	1787.2	1823.3	1871.1	1915.0	1952.4	1989.8
17.5°	1476.2	1542.0	1609.1	1681.4	1758.8	1796.3	1827.2	1884.0	1930.5	1967.9	2001.4
20°	1445.3	1518.8	1594.9	1675.0	1753.7	1788.5	1818.2	1880.1	1921.4	1961.4	2009.2
22.5°	1411.7	1491.7	1573.0	1651.7	1729.1	1766.6	1801.4	1855.6	1900.8	1955.0	2016.9
25°	1373.0	1460.7	1543.3	1622.0	1695.6	1730.4	1761.4	1820.8	1884.0	1952.4	2022.1
27.5°	1334.3	1419.5	1499.5	1571.7	1651.7	1684.0	1715.0	1789.8	1864.6	1936.9	2032.4
30°	1291.7	1378.2	1447.8	1514.9	1592.4	1625.9	1664.6	1749.8	1835.0	1933.0	2049.2
32.5°	1244.0	1322.7	1387.2	1456.9	1526.6	1567.8	1616.9	1709.8	1807.9	1925.3	2073.7
35°	1196.2	1259.4	1318.8	1384.6	1468.5	1512.4	1560.1	1658.2	1780.8	1921.4	2094.3
37.5°	1135.6	1196.2	1242.7	1309.8	1396.2	1447.8	1495.6	1609.1	1748.5	1912.4	2093.0
40°	1073.6	1125.2	1169.1	1238.8	1333.0	1380.7	1432.4	1556.2	1715.0	1886.6	2062.1
42.5°	1006.5	1050.4	1098.1	1165.2	1256.9	1303.3	1362.7	1507.2	1668.5	1850.4	1982.1
45°	935.5	978.1	1018.1	1087.8	1179.4	1229.8	1294.3	1442.7	1611.7	1774.3	1853.0
47.5°	865.9	903.3	945.9	1006.5	1099.4	1154.9	1220.7	1379.4	1535.6	1672.4	1678.8
50°	798.8	828.4	864.6	926.5	1023.3	1076.2	1144.6	1293.0	1445.3	1539.5	1476.2
52.5°	729.1	756.2	793.6	847.8	938.1	1000.1	1059.4	1207.8	1335.6	1398.8	1282.7
55°	660.7	683.9	722.6	783.3	862.0	909.7	970.4	1108.5	1220.7	1222.0	1095.6
57.5°	593.6	614.2	646.5	700.7	774.2	829.7	885.2	1005.2	1081.4	1059.4	918.8
60°	534.2	547.1	576.8	629.7	698.1	738.1	797.5	898.1	948.5	908.4	757.5
62.5°	472.3	485.2	508.4	551.0	615.5	658.1	695.5	778.1	813.0	752.3	628.4
65°	410.4	425.8	442.6	476.2	536.8	565.2	598.8	659.4	692.9	622.0	514.9
67.5°	356.2	363.9	380.7	415.5	458.1	483.9	507.1	548.4	554.9	498.1	410.4
70°	305.8	308.4	323.9	344.5	376.8	392.3	411.6	436.2	436.2	389.7	320.0
72.5°	249.0	252.9	264.5	286.5	305.8	313.6	320.0	335.5	332.9	290.3	242.6
75°	200.0	202.6	211.6	222.0	229.7	243.9	249.0	246.5	245.2	209.0	181.9
77.5°	154.8	156.1	162.6	171.6	172.9	178.1	174.2	174.2	162.6	141.9	127.8
80°	113.6	114.8	117.4	120.0	120.0	120.0	120.0	113.6	105.8	92.9	89.0
82.5°	76.1	76.1	77.4	80.0	78.7	76.1	73.6	67.1	61.9	58.1	55.5
85°	45.2	45.2	46.5	45.2	40.0	38.7	36.1	34.8	33.6	32.3	32.3
87.5°	21.9	20.6	18.1	15.5	15.5	15.5	15.5	15.5	15.5	14.2	14.2
90°	0.3	0.9	1.5	2.2	2.8	3.1	3.4	3.9	4.4	5.0	5.5
92.5°	10.3	10.7	11.1	11.4	11.8	12.0	12.3	13.0	13.7	14.3	15.0
95°	22.2	22.4	22.5	22.7	22.8	22.9	23.3	24.0	24.8	25.5	26.3
97.5°	34.2	34.3	34.3	34.4	34.5	34.5	35.0	36.1	37.2	38.2	39.3
100°	47.9	47.9	47.9	47.9	47.9	47.9	48.4	49.4	50.3	51.3	52.3
102.5°	62.6	63.0	63.4	63.7	64.1	64.3	64.5	64.9	65.2	65.6	66.0
105°	78.0	78.4	78.8	79.1	79.5	79.7	79.9	80.4	80.8	81.3	81.7
107.5°	94.7	95.1	95.5	95.8	96.2	96.4	96.6	97.0	97.3	97.7	98.1
110°	112.2	112.6	113.0	113.3	113.7	113.9	114.0	114.2	114.5	114.7	114.9

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	129.9	130.1	130.2	130.4	130.5	130.6	130.8	131.1	131.4	131.7	132.0
115°	147.4	147.7	148.0	148.3	148.6	148.7	148.8	148.9	149.1	149.2	149.4
117.5°	165.2	165.3	165.3	165.4	165.5	165.5	165.6	165.7	165.9	166.0	166.2
120°	181.6	182.0	182.4	182.7	183.1	183.3	183.3	183.4	183.5	183.5	183.6
122.5°	199.4	199.5	199.5	199.6	199.7	199.7	199.8	200.0	200.3	200.5	200.7
125°	215.1	215.5	216.0	216.4	216.9	217.1	217.1	217.2	217.3	217.4	217.5
127.5°	232.5	232.7	232.9	233.2	233.4	233.5	233.5	233.6	233.7	233.8	233.9
130°	247.9	248.3	248.7	249.0	249.4	249.6	249.7	249.8	250.0	250.1	250.3
132.5°	263.3	264.0	264.7	265.4	266.1	266.4	266.4	266.3	266.2	266.1	266.0
135°	279.7	280.2	280.6	281.1	281.6	281.8	281.8	281.9	282.0	282.0	282.1
137.5°	295.1	295.5	296.0	296.4	296.9	297.1	297.2	297.3	297.5	297.6	297.8
140°	309.8	310.2	310.6	310.9	311.3	311.5	311.6	311.8	312.1	312.3	312.5
142.5°	324.5	324.8	325.1	325.4	325.7	325.9	326.0	326.3	326.6	326.9	327.2
145°	338.9	339.2	339.5	339.8	340.1	340.2	340.3	340.6	340.8	341.1	341.3
147.5°	352.2	352.4	352.6	352.9	353.1	353.2	353.3	353.4	353.6	353.7	353.9
150°	365.5	365.4	365.4	365.3	365.2	365.2	365.4	365.7	366.0	366.3	366.6
152.5°	376.5	376.7	376.8	377.0	377.1	377.2	377.2	377.3	377.4	377.4	377.5
155°	387.8	387.8	387.8	387.8	387.8	387.8	387.8	387.9	388.0	388.0	388.1
157.5°	398.0	397.8	397.7	397.5	397.4	397.3	397.3	397.4	397.5	397.6	397.7
160°	406.9	406.7	406.5	406.2	406.0	405.9	405.9	406.0	406.1	406.1	406.2
162.5°	414.8	414.6	414.5	414.3	414.2	414.1	414.1	414.1	414.1	414.1	414.1
165°	421.6	421.4	421.3	421.1	421.0	420.9	420.9	421.0	421.1	421.2	421.3
167.5°	427.8	427.5	427.2	426.9	426.6	426.4	426.4	426.4	426.4	426.4	426.4
170°	432.6	432.3	432.0	431.7	431.4	431.2	431.2	431.2	431.2	431.2	431.2
172.5°	436.0	435.7	435.4	435.1	434.8	434.6	434.6	434.6	434.6	434.6	434.6
175°	438.4	438.1	437.8	437.5	437.2	437.0	437.0	437.0	437.0	437.0	437.0
177.5°	440.1	439.8	439.5	439.2	438.9	438.7	438.7	438.6	438.5	438.5	438.4
180°	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7
2.5°	1640.1	1649.1	1656.9	1653.0	1668.5	1667.2	1669.8	1675.0	1676.2	1673.7	1668.5
5°	1729.1	1742.1	1764.0	1775.6	1773.0	1783.3	1788.5	1796.3	1804.0	1801.4	1801.4
7.5°	1828.5	1846.6	1868.5	1898.2	1902.1	1911.1	1926.6	1926.6	1935.6	1931.7	1930.5
10°	1915.0	1936.9	1971.7	1995.0	2005.3	2010.5	2025.9	2031.1	2041.4	2042.7	2042.7
12.5°	1985.9	2024.7	2047.9	2071.1	2076.3	2084.0	2095.6	2103.4	2107.2	2107.2	2103.4
15°	2023.4	2054.3	2081.4	2105.9	2120.1	2126.6	2138.2	2147.2	2152.4	2164.0	2166.6
17.5°	2038.8	2076.3	2120.1	2155.0	2179.5	2186.0	2209.2	2216.9	2227.2	2232.4	2238.9
20°	2060.8	2115.0	2167.9	2210.5	2233.7	2250.5	2275.0	2311.1	2321.4	2321.4	2317.6
22.5°	2080.1	2149.8	2222.1	2290.5	2309.8	2343.4	2388.5	2427.3	2442.7	2449.2	2444.0
25°	2103.4	2198.9	2293.1	2378.2	2431.1	2455.6	2516.3	2562.8	2580.8	2591.1	2593.7
27.5°	2143.4	2263.4	2383.4	2491.8	2546.0	2574.4	2637.6	2677.6	2699.5	2708.6	2702.1
30°	2188.5	2335.6	2475.0	2571.8	2607.9	2642.8	2684.1	2699.5	2694.4	2694.4	2713.7
32.5°	2235.0	2387.3	2511.1	2574.4	2587.3	2582.1	2565.3	2518.9	2491.8	2491.8	2508.6
35°	2260.8	2392.4	2455.6	2435.0	2384.7	2355.0	2263.4	2211.8	2153.7	2149.8	2169.2
37.5°	2246.6	2303.4	2277.6	2142.1	2073.7	2016.9	1873.7	1816.9	1774.3	1715.0	1806.6
40°	2147.2	2127.9	1993.7	1798.8	1722.7	1642.7	1529.1	1472.4	1413.0	1404.0	1425.9
42.5°	1979.5	1864.6	1668.5	1480.1	1402.7	1345.9	1259.4	1204.0	1166.5	1151.0	1176.9
45°	1770.4	1589.8	1393.6	1244.0	1158.8	1129.1	1050.4	1001.4	973.0	961.4	979.4
47.5°	1514.9	1333.0	1147.2	1020.7	970.4	940.7	887.8	845.2	820.7	813.0	820.7
50°	1286.5	1099.4	943.3	862.0	816.8	792.3	748.4	721.3	702.0	696.8	709.7
52.5°	1089.1	918.8	800.1	727.8	698.1	677.5	646.5	623.3	611.7	606.5	615.5
55°	912.3	774.2	678.8	616.8	594.9	582.0	554.9	542.0	529.1	527.8	536.8
57.5°	756.2	660.7	572.9	529.1	522.6	503.3	480.0	468.4	462.0	460.7	464.5
60°	629.7	544.6	491.6	452.9	443.9	428.4	415.5	407.8	400.0	397.4	400.0
62.5°	523.9	456.8	414.2	388.4	375.5	371.6	357.4	348.4	347.1	347.1	349.7
65°	432.3	375.5	348.4	327.8	318.7	314.9	304.5	298.1	299.4	299.4	300.7
67.5°	352.3	311.0	286.5	276.1	268.4	267.1	256.8	254.2	251.6	251.6	254.2
70°	280.0	254.2	236.1	231.0	229.7	220.7	216.8	215.5	211.6	212.9	212.9
72.5°	219.4	202.6	192.3	184.5	185.8	180.7	175.5	175.5	172.9	176.8	176.8
75°	162.6	154.8	147.1	144.5	147.1	144.5	140.7	139.4	140.7	139.4	139.4
77.5°	120.0	116.1	113.6	112.3	112.3	107.1	104.5	107.1	101.9	104.5	104.5
80°	83.9	78.7	77.4	74.8	76.1	72.3	73.6	71.0	71.0	71.0	71.0
82.5°	52.9	51.6	51.6	51.6	50.3	50.3	50.3	50.3	50.3	50.3	49.0
85°	32.3	31.0	31.0	31.0	29.7	29.7	29.7	29.7	29.7	29.7	29.7
87.5°	12.9	14.2	14.2	15.5	14.2	12.9	12.9	12.9	14.2	14.2	12.9
90°	5.9	6.3	6.6	7.0	7.2	7.3	7.5	7.8	8.0	8.2	8.0
92.5°	15.5	16.1	16.6	17.1	17.4	17.5	17.6	17.8	17.9	18.1	17.9
95°	26.8	27.4	27.9	28.4	28.7	28.8	28.9	29.1	29.2	29.4	29.2
97.5°	39.8	40.2	40.7	41.2	41.4	41.4	41.5	41.6	41.6	41.7	41.6
100°	53.0	53.7	54.4	55.1	55.4	55.5	55.6	55.8	55.9	56.1	55.9
102.5°	66.8	67.5	68.3	69.0	69.4	69.5	69.7	70.0	70.2	70.4	70.2
105°	82.2	82.6	83.1	83.6	83.8	83.9	84.1	84.4	84.6	84.8	84.6
107.5°	98.3	98.6	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
110°	115.1	115.3	115.6	115.8	115.9	115.9	115.8	115.7	115.7	115.6	115.7

TEST NUMBER: P1028499

CATALOG NUMBER: S125RDIP-B1090D375UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	132.1	132.1	132.2	132.3	132.3	132.2	132.1	131.9	131.8	131.6	131.8
115°	149.3	149.3	149.2	149.1	149.1	149.1	149.0	148.9	148.8	148.7	148.8
117.5°	166.3	166.3	166.4	166.5	166.5	166.4	166.1	165.8	165.5	165.2	165.5
120°	183.6	183.6	183.6	183.6	183.6	183.5	183.2	182.9	182.6	182.3	182.6
122.5°	200.6	200.6	200.5	200.4	200.4	200.3	200.1	199.8	199.6	199.4	199.6
125°	217.3	217.2	217.0	216.9	216.8	216.8	216.7	216.6	216.5	216.4	216.5
127.5°	233.8	233.7	233.6	233.5	233.5	233.4	233.3	233.2	233.0	232.9	233.0
130°	250.2	250.2	250.1	250.0	250.0	249.9	249.8	249.6	249.5	249.3	249.5
132.5°	265.9	265.9	265.8	265.7	265.7	265.6	265.4	265.1	264.9	264.7	264.9
135°	282.1	282.1	282.1	282.1	282.1	281.9	281.6	281.3	281.0	280.7	281.0
137.5°	297.9	298.0	298.1	298.2	298.2	298.0	297.6	297.3	296.9	296.5	296.9
140°	312.7	312.8	313.0	313.1	313.2	313.0	312.6	312.3	311.9	311.5	311.9
142.5°	327.3	327.4	327.5	327.6	327.6	327.4	327.0	326.7	326.3	325.9	326.3
145°	341.3	341.3	341.3	341.3	341.3	341.2	340.9	340.7	340.4	340.2	340.4
147.5°	354.1	354.3	354.6	354.8	354.9	354.6	354.0	353.4	352.8	352.2	352.8
150°	366.6	366.6	366.6	366.6	366.6	366.5	366.4	366.2	366.1	365.9	366.1
152.5°	377.7	377.9	378.2	378.4	378.5	378.4	378.1	377.8	377.5	377.2	377.5
155°	388.4	388.7	389.0	389.3	389.5	389.3	388.9	388.6	388.2	387.8	388.2
157.5°	398.0	398.3	398.6	398.9	399.0	398.7	398.2	397.7	397.2	396.7	397.2
160°	406.5	406.8	407.1	407.4	407.6	407.4	407.0	406.7	406.3	405.9	406.3
162.5°	414.5	414.9	415.2	415.6	415.8	415.6	415.1	414.6	414.2	413.7	414.2
165°	421.6	421.9	422.2	422.5	422.6	422.4	421.9	421.5	421.0	420.6	421.0
167.5°	426.9	427.3	427.8	428.3	428.5	428.3	427.8	427.3	426.9	426.4	426.9
170°	431.6	432.1	432.5	433.0	433.2	432.9	432.4	431.9	431.3	430.8	431.3
172.5°	435.1	435.5	436.0	436.5	436.7	436.5	436.0	435.5	435.1	434.6	435.1
175°	437.5	437.9	438.4	438.9	439.1	438.8	438.3	437.8	437.2	436.7	437.2
177.5°	438.8	439.3	439.7	440.2	440.4	440.1	439.6	439.1	438.5	438.0	438.5
180°	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4

TEST NUMBER: P1028499

CATALOG NUMBER: S125RDIP-B1090D375UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7
2.5°	1675.0	1665.9	1669.8	1665.9	1662.0	1658.2	1649.1	1636.2	1625.9	1618.2	1616.9
5°	1804.0	1792.4	1784.6	1780.8	1773.0	1762.7	1745.9	1726.6	1703.3	1694.3	1676.2
7.5°	1922.7	1918.8	1900.8	1898.2	1893.0	1873.7	1845.3	1819.5	1789.8	1765.3	1742.1
10°	2035.0	2025.9	2013.0	1995.0	1992.4	1967.9	1940.8	1904.6	1865.9	1842.7	1801.4
12.5°	2104.7	2094.3	2080.1	2068.5	2062.1	2046.6	2009.2	1973.0	1938.2	1895.6	1859.5
15°	2155.0	2142.1	2116.3	2107.2	2099.5	2078.8	2051.8	2014.3	1967.9	1938.2	1886.6
17.5°	2223.4	2207.9	2182.1	2165.3	2151.1	2118.9	2080.1	2029.8	1985.9	1952.4	1905.9
20°	2302.1	2278.9	2245.3	2223.4	2202.7	2165.3	2111.1	2051.8	1988.5	1947.2	1899.5
22.5°	2432.4	2388.5	2335.6	2304.7	2276.3	2211.8	2147.2	2073.7	2002.7	1940.8	1882.7
25°	2558.9	2515.0	2449.2	2406.6	2362.7	2287.9	2202.7	2100.8	2010.5	1938.2	1862.1
27.5°	2676.3	2631.1	2570.5	2518.9	2476.3	2364.0	2251.8	2136.9	2022.1	1922.7	1845.3
30°	2703.4	2684.1	2637.6	2592.4	2553.7	2450.5	2320.2	2174.3	2036.3	1908.5	1822.1
32.5°	2539.5	2587.3	2598.9	2592.4	2567.9	2494.4	2374.4	2220.8	2056.9	1902.1	1783.3
35°	2198.9	2285.3	2374.4	2422.1	2445.3	2455.6	2384.7	2244.0	2071.1	1891.7	1757.5
37.5°	1823.3	1907.2	2047.9	2118.9	2197.6	2300.8	2329.2	2238.9	2064.7	1884.0	1716.2
40°	1498.2	1605.3	1721.4	1785.9	1854.3	2040.1	2180.8	2170.5	2044.0	1855.6	1684.0
42.5°	1219.4	1286.5	1388.5	1459.5	1543.3	1751.1	1939.5	2032.4	1982.1	1820.8	1642.7
45°	1016.8	1068.5	1140.7	1213.0	1264.6	1453.0	1676.2	1828.5	1876.3	1758.8	1579.5
47.5°	856.8	895.5	958.8	1003.9	1059.4	1207.8	1401.4	1615.6	1716.2	1671.1	1512.4
50°	734.2	765.2	815.5	843.9	893.0	1020.7	1167.8	1392.4	1544.6	1549.8	1423.3
52.5°	627.1	658.1	700.7	725.2	754.9	841.3	989.7	1179.4	1354.9	1419.5	1321.4
55°	545.8	563.9	598.8	618.1	645.2	729.1	823.3	984.6	1167.8	1273.6	1211.7
57.5°	471.0	490.4	512.3	527.8	547.1	614.2	699.4	820.7	1002.6	1117.5	1096.8
60°	410.4	422.0	442.6	454.2	472.3	516.2	575.5	696.8	841.3	949.7	961.4
62.5°	353.6	363.9	378.1	388.4	400.0	434.9	478.7	565.2	691.7	809.1	824.6
65°	304.5	313.6	321.3	330.3	339.4	361.3	398.7	465.8	563.9	673.6	707.1
67.5°	260.7	263.2	274.9	276.1	281.3	298.1	325.2	379.4	450.4	538.1	582.0
70°	218.1	223.2	225.8	229.7	234.9	246.5	268.4	296.8	349.7	420.7	462.0
72.5°	176.8	178.1	181.9	184.5	189.7	198.7	209.0	231.0	264.5	316.2	353.6
75°	140.7	141.9	144.5	145.8	149.7	152.3	157.4	172.9	196.1	227.1	254.2
77.5°	105.8	108.4	111.0	111.0	112.3	114.8	117.4	122.6	134.2	154.8	178.1
80°	72.3	73.6	73.6	74.8	73.6	77.4	81.3	87.7	92.9	99.4	111.0
82.5°	50.3	50.3	50.3	51.6	51.6	52.9	52.9	54.2	55.5	59.4	64.5
85°	31.0	31.0	32.3	29.7	31.0	32.3	32.3	31.0	32.3	33.6	34.8
87.5°	12.9	12.9	14.2	14.2	14.2	14.2	12.9	14.2	12.9	14.2	14.2
90°	7.8	7.5	7.3	7.2	7.0	6.6	6.3	5.9	5.5	5.0	4.4
92.5°	17.8	17.6	17.5	17.4	17.1	16.6	16.1	15.5	15.0	14.3	13.7
95°	29.1	28.9	28.8	28.7	28.4	27.9	27.4	26.8	26.3	25.5	24.8
97.5°	41.6	41.5	41.4	41.4	41.2	40.7	40.2	39.8	39.3	38.2	37.2
100°	55.8	55.6	55.5	55.4	55.1	54.4	53.7	53.0	52.3	51.3	50.3
102.5°	70.0	69.7	69.5	69.4	69.0	68.3	67.5	66.8	66.0	65.6	65.2
105°	84.4	84.1	83.9	83.8	83.6	83.1	82.6	82.2	81.7	81.3	80.8
107.5°	99.2	99.2	99.2	99.2	99.1	98.8	98.6	98.3	98.1	97.7	97.3
110°	115.7	115.8	115.9	115.9	115.8	115.6	115.3	115.1	114.9	114.7	114.5

TEST NUMBER: P1028499

CATALOG NUMBER: S125RDIP-B1090D375UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	131.9	132.1	132.2	132.3	132.3	132.2	132.1	132.1	132.0	131.7	131.4
115°	148.9	149.0	149.1	149.1	149.1	149.2	149.3	149.3	149.4	149.2	149.1
117.5°	165.8	166.1	166.4	166.5	166.5	166.4	166.3	166.3	166.2	166.0	165.9
120°	182.9	183.2	183.5	183.6	183.6	183.6	183.6	183.6	183.6	183.5	183.5
122.5°	199.8	200.1	200.3	200.4	200.4	200.5	200.6	200.6	200.7	200.5	200.3
125°	216.6	216.7	216.8	216.8	216.9	217.0	217.2	217.3	217.5	217.4	217.3
127.5°	233.2	233.3	233.4	233.5	233.5	233.6	233.7	233.8	233.9	233.8	233.7
130°	249.6	249.8	249.9	250.0	250.0	250.1	250.2	250.2	250.3	250.1	250.0
132.5°	265.1	265.4	265.6	265.7	265.7	265.8	265.9	265.9	266.0	266.1	266.2
135°	281.3	281.6	281.9	282.1	282.1	282.1	282.1	282.1	282.1	282.0	282.0
137.5°	297.3	297.6	298.0	298.2	298.2	298.1	298.0	297.9	297.8	297.6	297.5
140°	312.3	312.6	313.0	313.2	313.1	313.0	312.8	312.7	312.5	312.3	312.1
142.5°	326.7	327.0	327.4	327.6	327.6	327.5	327.4	327.3	327.2	326.9	326.6
145°	340.7	340.9	341.2	341.3	341.3	341.3	341.3	341.3	341.3	341.1	340.8
147.5°	353.4	354.0	354.6	354.9	354.8	354.6	354.3	354.1	353.9	353.7	353.6
150°	366.2	366.4	366.5	366.6	366.6	366.6	366.6	366.6	366.6	366.3	366.0
152.5°	377.8	378.1	378.4	378.5	378.4	378.2	377.9	377.7	377.5	377.4	377.4
155°	388.6	388.9	389.3	389.5	389.3	389.0	388.7	388.4	388.1	388.0	388.0
157.5°	397.7	398.2	398.7	399.0	398.9	398.6	398.3	398.0	397.7	397.6	397.5
160°	406.7	407.0	407.4	407.6	407.4	407.1	406.8	406.5	406.2	406.1	406.1
162.5°	414.6	415.1	415.6	415.8	415.6	415.2	414.9	414.5	414.1	414.1	414.1
165°	421.5	421.9	422.4	422.6	422.5	422.2	421.9	421.6	421.3	421.2	421.1
167.5°	427.3	427.8	428.3	428.5	428.3	427.8	427.3	426.9	426.4	426.4	426.4
170°	431.9	432.4	432.9	433.2	433.0	432.5	432.1	431.6	431.2	431.2	431.2
172.5°	435.5	436.0	436.5	436.7	436.5	436.0	435.5	435.1	434.6	434.6	434.6
175°	437.8	438.3	438.8	439.1	438.9	438.4	437.9	437.5	437.0	437.0	437.0
177.5°	439.1	439.6	440.1	440.4	440.2	439.7	439.3	438.8	438.4	438.5	438.5
180°	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4

TEST NUMBER: P1028499

CATALOG NUMBER: S125RDIP-B1090D375UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7
2.5°	1613.0	1605.3	1600.1	1598.8	1591.1	1584.6	1576.9	1575.6	1571.7	1561.4	1554.9
5°	1663.3	1645.3	1641.4	1629.8	1610.4	1596.2	1578.2	1567.8	1556.2	1536.9	1521.4
7.5°	1715.0	1690.4	1672.4	1655.6	1628.5	1602.7	1576.9	1556.2	1535.6	1507.2	1484.0
10°	1765.3	1727.9	1705.9	1681.4	1644.0	1605.3	1569.1	1539.5	1505.9	1472.4	1438.8
12.5°	1811.7	1764.0	1731.7	1696.9	1650.4	1602.7	1556.2	1514.9	1480.1	1434.9	1397.5
15°	1840.1	1787.2	1755.0	1721.4	1651.7	1598.8	1544.6	1491.7	1445.3	1397.5	1362.7
17.5°	1856.9	1797.5	1761.4	1730.4	1659.5	1587.2	1517.5	1460.7	1410.4	1353.6	1307.2
20°	1849.2	1791.1	1757.5	1727.9	1645.3	1573.0	1498.2	1432.4	1369.1	1311.1	1262.0
22.5°	1832.4	1771.7	1734.3	1707.2	1633.7	1548.5	1465.9	1394.9	1329.1	1271.1	1215.6
25°	1796.3	1736.9	1704.6	1671.1	1598.8	1517.5	1433.6	1357.5	1287.8	1225.9	1163.9
27.5°	1764.0	1691.7	1658.2	1628.5	1552.4	1480.1	1397.5	1313.6	1242.7	1178.1	1116.2
30°	1726.6	1645.3	1609.1	1569.1	1500.7	1432.4	1349.8	1272.3	1198.8	1130.4	1071.0
32.5°	1686.6	1592.4	1551.1	1505.9	1436.2	1371.7	1302.0	1225.9	1152.3	1085.2	1023.3
35°	1634.9	1534.3	1486.6	1444.0	1371.7	1307.2	1242.7	1179.4	1105.9	1034.9	975.5
37.5°	1585.9	1474.9	1424.6	1375.6	1299.4	1237.5	1184.6	1125.2	1054.3	985.9	929.1
40°	1530.4	1402.7	1351.1	1305.9	1227.2	1158.8	1111.0	1064.6	1002.6	936.8	874.9
42.5°	1480.1	1335.6	1281.4	1234.9	1152.3	1087.8	1042.7	1003.9	949.7	889.1	825.9
45°	1410.4	1263.3	1207.8	1158.8	1074.9	1014.3	967.8	934.3	891.7	834.9	778.1
47.5°	1345.9	1193.6	1133.0	1073.6	997.5	935.5	893.0	867.2	838.8	788.4	730.4
50°	1267.2	1113.6	1051.7	1002.6	916.2	863.3	820.7	802.6	776.8	729.1	682.6
52.5°	1182.0	1036.2	978.1	918.8	838.8	787.1	749.7	729.1	708.4	673.6	629.7
55°	1082.7	949.7	895.5	842.6	762.6	714.9	681.3	659.4	647.8	615.5	583.3
57.5°	987.2	862.0	811.7	762.6	692.9	638.8	616.8	597.5	580.7	557.5	530.4
60°	890.4	776.8	722.6	678.8	618.1	569.1	551.0	531.6	518.7	500.7	481.3
62.5°	779.4	682.6	641.3	600.0	548.4	509.7	489.1	473.6	456.8	445.2	428.4
65°	662.0	593.6	553.6	522.6	473.6	438.7	423.3	412.9	398.7	387.1	374.2
67.5°	552.3	498.1	481.3	447.8	410.4	379.4	367.8	354.9	343.2	336.8	325.2
70°	446.5	407.8	391.0	382.0	340.7	320.0	309.7	304.5	290.3	283.9	276.1
72.5°	345.8	331.6	320.0	308.4	281.3	268.4	256.8	251.6	241.3	236.1	233.6
75°	255.5	246.5	240.0	238.7	227.1	214.2	202.6	200.0	192.3	187.1	184.5
77.5°	179.4	176.8	175.5	176.8	169.0	161.3	158.7	156.1	147.1	145.8	145.8
80°	117.4	123.9	123.9	122.6	120.0	118.7	114.8	112.3	107.1	105.8	107.1
82.5°	72.3	76.1	77.4	80.0	78.7	77.4	74.8	73.6	74.8	72.3	73.6
85°	36.1	38.7	43.9	43.9	45.2	45.2	45.2	43.9	41.3	42.6	41.3
87.5°	14.2	15.5	15.5	15.5	14.2	18.1	19.4	19.4	19.4	16.8	16.8
90°	3.9	3.4	3.1	2.8	2.2	1.5	0.9	0.3	0.9	1.5	2.2
92.5°	13.0	12.3	12.0	11.8	11.4	11.1	10.7	10.3	10.7	11.1	11.4
95°	24.0	23.3	22.9	22.8	22.7	22.5	22.4	22.2	22.4	22.5	22.7
97.5°	36.1	35.0	34.5	34.5	34.4	34.3	34.3	34.2	34.3	34.3	34.4
100°	49.4	48.4	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
102.5°	64.9	64.5	64.3	64.1	63.7	63.4	63.0	62.6	63.0	63.4	63.7
105°	80.4	79.9	79.7	79.5	79.1	78.8	78.4	78.0	78.4	78.8	79.1
107.5°	97.0	96.6	96.4	96.2	95.8	95.5	95.1	94.7	95.1	95.5	95.8
110°	114.2	114.0	113.9	113.7	113.3	113.0	112.6	112.2	112.6	113.0	113.3

TEST NUMBER: P1028499

CATALOG NUMBER: S125RDIP-B1090D375UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	131.1	130.8	130.6	130.5	130.4	130.2	130.1	129.9	130.1	130.2	130.4
115°	148.9	148.8	148.7	148.6	148.3	148.0	147.7	147.4	147.7	148.0	148.3
117.5°	165.7	165.6	165.5	165.5	165.4	165.3	165.3	165.2	165.3	165.3	165.4
120°	183.4	183.3	183.3	183.1	182.7	182.4	182.0	181.6	182.0	182.4	182.7
122.5°	200.0	199.8	199.7	199.7	199.6	199.5	199.5	199.4	199.5	199.5	199.6
125°	217.2	217.1	217.1	216.9	216.4	216.0	215.5	215.1	215.5	216.0	216.4
127.5°	233.6	233.5	233.5	233.4	233.2	232.9	232.7	232.5	232.7	232.9	233.2
130°	249.8	249.7	249.6	249.4	249.0	248.7	248.3	247.9	248.3	248.7	249.0
132.5°	266.3	266.4	266.4	266.1	265.4	264.7	264.0	263.3	264.0	264.7	265.4
135°	281.9	281.8	281.8	281.6	281.1	280.6	280.2	279.7	280.2	280.6	281.1
137.5°	297.3	297.2	297.1	296.9	296.4	296.0	295.5	295.1	295.5	296.0	296.4
140°	311.8	311.6	311.5	311.3	310.9	310.6	310.2	309.8	310.2	310.6	310.9
142.5°	326.3	326.0	325.9	325.7	325.4	325.1	324.8	324.5	324.8	325.1	325.4
145°	340.6	340.3	340.2	340.1	339.8	339.5	339.2	338.9	339.2	339.5	339.8
147.5°	353.4	353.3	353.2	353.1	352.9	352.6	352.4	352.2	352.4	352.6	352.9
150°	365.7	365.4	365.2	365.2	365.3	365.4	365.4	365.5	365.4	365.4	365.3
152.5°	377.3	377.2	377.2	377.1	377.0	376.8	376.7	376.5	376.7	376.8	377.0
155°	387.9	387.8	387.8	387.8	387.8	387.8	387.8	387.8	387.8	387.8	387.8
157.5°	397.4	397.3	397.3	397.4	397.5	397.7	397.8	398.0	397.8	397.7	397.5
160°	406.0	405.9	405.9	406.0	406.2	406.5	406.7	406.9	406.7	406.5	406.2
162.5°	414.1	414.1	414.1	414.2	414.3	414.5	414.6	414.8	414.6	414.5	414.3
165°	421.0	420.9	420.9	421.0	421.1	421.3	421.4	421.6	421.4	421.3	421.1
167.5°	426.4	426.4	426.4	426.6	426.9	427.2	427.5	427.8	427.5	427.2	426.9
170°	431.2	431.2	431.2	431.4	431.7	432.0	432.3	432.6	432.3	432.0	431.7
172.5°	434.6	434.6	434.6	434.8	435.1	435.4	435.7	436.0	435.7	435.4	435.1
175°	437.0	437.0	437.0	437.2	437.5	437.8	438.1	438.4	438.1	437.8	437.5
177.5°	438.6	438.7	438.7	438.9	439.2	439.5	439.8	440.1	439.8	439.5	439.2
180°	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4

TEST NUMBER: P1028499

CATALOG NUMBER: S125RDIP-B1090D375UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7
2.5°	1551.1	1545.9	1542.0	1538.2	1521.4	1503.3	1500.7	1496.9	1489.1	1498.2	1494.3
5°	1511.1	1499.5	1493.0	1476.2	1455.6	1440.1	1427.2	1411.7	1405.3	1400.1	1398.8
7.5°	1462.0	1451.7	1440.1	1423.3	1397.5	1371.7	1352.3	1336.9	1324.0	1317.5	1317.5
10°	1414.3	1401.4	1385.9	1357.5	1333.0	1300.7	1280.1	1264.6	1246.5	1236.2	1227.2
12.5°	1365.3	1351.1	1336.9	1300.7	1272.3	1238.8	1209.1	1189.8	1180.7	1169.1	1153.6
15°	1316.2	1294.3	1280.1	1244.0	1207.8	1174.3	1154.9	1134.3	1113.6	1102.0	1096.8
17.5°	1264.6	1249.1	1225.9	1187.2	1147.2	1117.5	1089.1	1069.7	1045.2	1033.6	1022.0
20°	1218.1	1194.9	1171.7	1133.0	1094.3	1054.3	1025.9	1002.6	987.2	978.1	967.8
22.5°	1162.7	1140.7	1121.4	1080.1	1037.5	1000.1	969.1	954.9	939.4	925.2	914.9
25°	1114.9	1093.0	1073.6	1028.5	982.0	947.2	923.9	905.9	889.1	882.6	872.3
27.5°	1064.6	1043.9	1018.1	973.0	931.7	902.0	877.5	860.7	847.8	834.9	827.2
30°	1016.8	993.6	970.4	921.4	887.8	858.1	834.9	814.2	803.9	797.5	784.6
32.5°	970.4	940.7	921.4	876.2	843.9	815.5	796.2	778.1	765.2	753.6	743.3
35°	920.1	887.8	868.4	831.0	797.5	769.1	752.3	739.4	723.9	713.6	708.4
37.5°	872.3	845.2	825.9	787.1	753.6	730.4	712.3	695.5	689.1	674.9	672.3
40°	820.7	797.5	779.4	742.0	711.0	692.9	673.6	658.1	646.5	640.0	631.0
42.5°	774.2	754.9	735.5	700.7	671.0	649.1	634.9	620.7	610.4	600.0	593.6
45°	731.7	711.0	692.9	659.4	629.7	610.4	596.2	579.4	576.8	562.6	556.2
47.5°	686.5	668.4	652.9	618.1	591.0	571.7	554.9	543.3	531.6	526.5	517.5
50°	642.6	624.6	606.5	575.5	551.0	531.6	514.9	502.0	495.5	487.8	480.0
52.5°	594.9	580.7	566.5	534.2	509.7	492.9	478.7	462.0	455.5	449.1	443.9
55°	554.9	534.2	518.7	491.6	469.7	451.6	436.2	423.3	416.8	411.6	405.2
57.5°	500.7	487.8	474.9	450.4	429.7	411.6	396.2	385.8	378.1	374.2	375.5
60°	454.2	440.0	432.3	406.5	385.8	371.6	357.4	347.1	339.4	335.5	334.2
62.5°	405.2	394.9	380.7	362.6	342.0	329.1	318.7	311.0	298.1	296.8	292.9
65°	357.4	349.7	336.8	320.0	303.2	291.6	280.0	269.7	264.5	258.1	254.2
67.5°	311.0	303.2	291.6	277.4	265.8	254.2	243.9	233.6	224.5	219.4	216.8
70°	265.8	259.4	251.6	234.9	220.7	211.6	203.9	197.4	188.4	185.8	184.5
72.5°	222.0	215.5	211.6	197.4	184.5	176.8	169.0	162.6	158.7	157.4	153.6
75°	181.9	175.5	170.3	157.4	149.7	144.5	136.8	134.2	130.3	129.0	127.8
77.5°	141.9	135.5	134.2	125.2	116.1	113.6	111.0	105.8	105.8	105.8	103.2
80°	101.9	100.7	99.4	90.3	86.5	83.9	82.6	78.7	76.1	73.6	72.3
82.5°	68.4	67.1	65.8	61.9	58.1	56.8	55.5	52.9	52.9	54.2	51.6
85°	41.3	38.7	37.4	36.1	33.6	33.6	34.8	33.6	33.6	33.6	32.3
87.5°	15.5	15.5	15.5	15.5	16.8	14.2	15.5	15.5	14.2	14.2	12.9
90°	2.8	3.1	3.4	3.9	4.4	5.0	5.5	5.9	6.3	6.6	7.0
92.5°	11.8	12.0	12.3	13.0	13.7	14.3	15.0	15.5	16.1	16.6	17.1
95°	22.8	22.9	23.3	24.0	24.8	25.5	26.3	26.8	27.4	27.9	28.4
97.5°	34.5	34.5	35.0	36.1	37.2	38.2	39.3	39.8	40.2	40.7	41.2
100°	47.9	47.9	48.4	49.4	50.3	51.3	52.3	53.0	53.7	54.4	55.1
102.5°	64.1	64.3	64.5	64.9	65.2	65.6	66.0	66.8	67.5	68.3	69.0
105°	79.5	79.7	79.9	80.4	80.8	81.3	81.7	82.2	82.6	83.1	83.6
107.5°	96.2	96.4	96.6	97.0	97.3	97.7	98.1	98.3	98.6	98.8	99.1
110°	113.7	113.9	114.0	114.2	114.5	114.7	114.9	115.1	115.3	115.6	115.8

TEST NUMBER: P1028499

CATALOG NUMBER: S125RDIP-B1090D375UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	130.5	130.6	130.8	131.1	131.4	131.7	132.0	132.1	132.1	132.2	132.3
115°	148.6	148.7	148.8	148.9	149.1	149.2	149.4	149.3	149.3	149.2	149.1
117.5°	165.5	165.5	165.6	165.7	165.9	166.0	166.2	166.3	166.3	166.4	166.5
120°	183.1	183.3	183.3	183.4	183.5	183.5	183.6	183.6	183.6	183.6	183.6
122.5°	199.7	199.7	199.8	200.0	200.3	200.5	200.7	200.6	200.6	200.5	200.4
125°	216.9	217.1	217.1	217.2	217.3	217.4	217.5	217.3	217.2	217.0	216.9
127.5°	233.4	233.5	233.5	233.6	233.7	233.8	233.9	233.8	233.7	233.6	233.5
130°	249.4	249.6	249.7	249.8	250.0	250.1	250.3	250.2	250.2	250.1	250.0
132.5°	266.1	266.4	266.4	266.3	266.2	266.1	266.0	265.9	265.9	265.8	265.7
135°	281.6	281.8	281.8	281.9	282.0	282.0	282.1	282.1	282.1	282.1	282.1
137.5°	296.9	297.1	297.2	297.3	297.5	297.6	297.8	297.9	298.0	298.1	298.2
140°	311.3	311.5	311.6	311.8	312.1	312.3	312.5	312.7	312.8	313.0	313.1
142.5°	325.7	325.9	326.0	326.3	326.6	326.9	327.2	327.3	327.4	327.5	327.6
145°	340.1	340.2	340.3	340.6	340.8	341.1	341.3	341.3	341.3	341.3	341.3
147.5°	353.1	353.2	353.3	353.4	353.6	353.7	353.9	354.1	354.3	354.6	354.8
150°	365.2	365.2	365.4	365.7	366.0	366.3	366.6	366.6	366.6	366.6	366.6
152.5°	377.1	377.2	377.2	377.3	377.4	377.4	377.5	377.7	377.9	378.2	378.4
155°	387.8	387.8	387.8	387.9	388.0	388.0	388.1	388.4	388.7	389.0	389.3
157.5°	397.4	397.3	397.3	397.4	397.5	397.6	397.7	398.0	398.3	398.6	398.9
160°	406.0	405.9	405.9	406.0	406.1	406.1	406.2	406.5	406.8	407.1	407.4
162.5°	414.2	414.1	414.1	414.1	414.1	414.1	414.1	414.5	414.9	415.2	415.6
165°	421.0	420.9	420.9	421.0	421.1	421.2	421.3	421.6	421.9	422.2	422.5
167.5°	426.6	426.4	426.4	426.4	426.4	426.4	426.4	426.9	427.3	427.8	428.3
170°	431.4	431.2	431.2	431.2	431.2	431.2	431.2	431.6	432.1	432.5	433.0
172.5°	434.8	434.6	434.6	434.6	434.6	434.6	434.6	435.1	435.5	436.0	436.5
175°	437.2	437.0	437.0	437.0	437.0	437.0	437.0	437.5	437.9	438.4	438.9
177.5°	438.9	438.7	438.7	438.6	438.5	438.5	438.4	438.8	439.3	439.7	440.2
180°	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4

TEST NUMBER: P1028499

CATALOG NUMBER: S125RDIP-B1090D375UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7
2.5°	1487.8	1490.4	1484.0	1481.4	1476.2	1482.7	1484.0	1482.7	1494.3	1489.1	1491.7
5°	1401.4	1396.2	1392.4	1383.3	1383.3	1384.6	1388.5	1382.0	1385.9	1394.9	1393.6
7.5°	1305.9	1303.3	1304.6	1294.3	1286.5	1289.1	1286.5	1298.2	1304.6	1302.0	1307.2
10°	1219.4	1224.6	1213.0	1207.8	1202.7	1207.8	1206.5	1209.1	1216.9	1222.0	1231.1
12.5°	1149.8	1148.5	1142.0	1136.9	1127.8	1130.4	1138.1	1135.6	1136.9	1148.5	1147.2
15°	1083.9	1076.2	1071.0	1059.4	1062.0	1053.0	1060.7	1069.7	1073.6	1083.9	1090.4
17.5°	1018.1	1016.8	1010.4	1009.1	994.9	991.0	998.8	1001.4	1005.2	1010.4	1019.4
20°	962.6	961.4	952.3	949.7	938.1	945.9	943.3	948.5	951.0	961.4	965.2
22.5°	912.3	905.9	903.3	899.4	895.5	894.3	899.4	898.1	907.2	911.0	912.3
25°	865.9	860.7	859.4	853.0	850.4	846.5	850.4	854.3	864.6	868.4	873.6
27.5°	823.3	819.4	816.8	811.7	807.8	807.8	810.4	815.5	819.4	822.0	824.6
30°	784.6	782.0	774.2	771.7	767.8	767.8	767.8	770.4	776.8	784.6	788.4
32.5°	744.6	739.4	734.2	734.2	730.4	730.4	731.7	734.2	740.7	742.0	748.4
35°	705.9	700.7	696.8	694.2	695.5	690.4	692.9	696.8	704.6	707.1	711.0
37.5°	668.4	667.1	659.4	655.5	658.1	658.1	656.8	659.4	664.6	669.7	672.3
40°	627.1	624.6	624.6	620.7	622.0	616.8	620.7	623.3	625.8	631.0	634.9
42.5°	591.0	588.4	583.3	584.6	580.7	580.7	583.3	584.6	588.4	594.9	597.5
45°	552.3	552.3	549.7	545.8	547.1	543.3	545.8	547.1	552.3	558.7	556.2
47.5°	514.9	513.6	513.6	508.4	511.0	507.1	511.0	512.3	514.9	518.7	517.5
50°	478.7	474.9	476.2	474.9	473.6	473.6	476.2	476.2	478.7	478.7	482.6
52.5°	441.3	441.3	438.7	440.0	442.6	440.0	443.9	440.0	442.6	443.9	446.5
55°	407.8	405.2	406.5	405.2	410.4	406.5	410.4	407.8	410.4	409.1	411.6
57.5°	371.6	367.8	369.1	367.8	371.6	370.3	374.2	370.3	371.6	372.9	376.8
60°	330.3	330.3	330.3	327.8	331.6	331.6	330.3	330.3	335.5	338.1	336.8
62.5°	291.6	290.3	286.5	285.2	286.5	283.9	289.1	287.8	290.3	292.9	295.5
65°	249.0	246.5	245.2	242.6	242.6	241.3	242.6	247.8	249.0	250.3	256.8
67.5°	214.2	212.9	211.6	207.8	207.8	210.3	210.3	210.3	218.1	214.2	219.4
70°	183.2	180.7	178.1	176.8	176.8	178.1	179.4	180.7	179.4	184.5	185.8
72.5°	153.6	154.8	152.3	152.3	152.3	151.0	151.0	153.6	154.8	153.6	154.8
75°	127.8	127.8	126.5	127.8	127.8	126.5	126.5	129.0	129.0	127.8	131.6
77.5°	103.2	101.9	99.4	96.8	98.1	96.8	98.1	96.8	100.7	104.5	101.9
80°	72.3	71.0	71.0	71.0	72.3	71.0	73.6	71.0	72.3	72.3	73.6
82.5°	51.6	52.9	52.9	51.6	52.9	51.6	52.9	52.9	52.9	51.6	52.9
85°	33.6	33.6	33.6	33.6	32.3	33.6	33.6	33.6	34.8	33.6	34.8
87.5°	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	15.5	14.2	15.5
90°	7.2	7.3	7.5	7.8	8.0	8.2	8.0	7.8	7.5	7.3	7.2
92.5°	17.4	17.5	17.6	17.8	17.9	18.1	17.9	17.8	17.6	17.5	17.4
95°	28.7	28.8	28.9	29.1	29.2	29.4	29.2	29.1	28.9	28.8	28.7
97.5°	41.4	41.4	41.5	41.6	41.6	41.7	41.6	41.6	41.5	41.4	41.4
100°	55.4	55.5	55.6	55.8	55.9	56.1	55.9	55.8	55.6	55.5	55.4
102.5°	69.4	69.5	69.7	70.0	70.2	70.4	70.2	70.0	69.7	69.5	69.4
105°	83.8	83.9	84.1	84.4	84.6	84.8	84.6	84.4	84.1	83.9	83.8
107.5°	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
110°	115.9	115.9	115.8	115.7	115.7	115.6	115.7	115.7	115.8	115.9	115.9

TEST NUMBER: P1028499

CATALOG NUMBER: S125RDIP-B1090D375UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	132.3	132.2	132.1	131.9	131.8	131.6	131.8	131.9	132.1	132.2	132.3
115°	149.1	149.1	149.0	148.9	148.8	148.7	148.8	148.9	149.0	149.1	149.1
117.5°	166.5	166.4	166.1	165.8	165.5	165.2	165.5	165.8	166.1	166.4	166.5
120°	183.6	183.5	183.2	182.9	182.6	182.3	182.6	182.9	183.2	183.5	183.6
122.5°	200.4	200.3	200.1	199.8	199.6	199.4	199.6	199.8	200.1	200.3	200.4
125°	216.8	216.8	216.7	216.6	216.5	216.4	216.5	216.6	216.7	216.8	216.8
127.5°	233.5	233.4	233.3	233.2	233.0	232.9	233.0	233.2	233.3	233.4	233.5
130°	250.0	249.9	249.8	249.6	249.5	249.3	249.5	249.6	249.8	249.9	250.0
132.5°	265.7	265.6	265.4	265.1	264.9	264.7	264.9	265.1	265.4	265.6	265.7
135°	282.1	281.9	281.6	281.3	281.0	280.7	281.0	281.3	281.6	281.9	282.1
137.5°	298.2	298.0	297.6	297.3	296.9	296.5	296.9	297.3	297.6	298.0	298.2
140°	313.2	313.0	312.6	312.3	311.9	311.5	311.9	312.3	312.6	313.0	313.2
142.5°	327.6	327.4	327.0	326.7	326.3	325.9	326.3	326.7	327.0	327.4	327.6
145°	341.3	341.2	340.9	340.7	340.4	340.2	340.4	340.7	340.9	341.2	341.3
147.5°	354.9	354.6	354.0	353.4	352.8	352.2	352.8	353.4	354.0	354.6	354.9
150°	366.6	366.5	366.4	366.2	366.1	365.9	366.1	366.2	366.4	366.5	366.6
152.5°	378.5	378.4	378.1	377.8	377.5	377.2	377.5	377.8	378.1	378.4	378.5
155°	389.5	389.3	388.9	388.6	388.2	387.8	388.2	388.6	388.9	389.3	389.5
157.5°	399.0	398.7	398.2	397.7	397.2	396.7	397.2	397.7	398.2	398.7	399.0
160°	407.6	407.4	407.0	406.7	406.3	405.9	406.3	406.7	407.0	407.4	407.6
162.5°	415.8	415.6	415.1	414.6	414.2	413.7	414.2	414.6	415.1	415.6	415.8
165°	422.6	422.4	421.9	421.5	421.0	420.6	421.0	421.5	421.9	422.4	422.6
167.5°	428.5	428.3	427.8	427.3	426.9	426.4	426.9	427.3	427.8	428.3	428.5
170°	433.2	432.9	432.4	431.9	431.3	430.8	431.3	431.9	432.4	432.9	433.2
172.5°	436.7	436.5	436.0	435.5	435.1	434.6	435.1	435.5	436.0	436.5	436.7
175°	439.1	438.8	438.3	437.8	437.2	436.7	437.2	437.8	438.3	438.8	439.1
177.5°	440.4	440.1	439.6	439.1	438.5	438.0	438.5	439.1	439.6	440.1	440.4
180°	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4

TEST NUMBER: P1028499

CATALOG NUMBER: S125RDIP-B1090D375UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7
2.5°	1486.6	1493.0	1487.8	1484.0	1494.3	1499.5	1499.5	1508.5	1517.5	1525.3	1526.6
5°	1394.9	1405.3	1407.8	1406.5	1422.0	1429.8	1446.5	1455.6	1468.5	1477.5	1487.8
7.5°	1311.1	1325.3	1326.5	1329.1	1352.3	1365.3	1379.4	1402.7	1420.7	1433.6	1445.3
10°	1227.2	1236.2	1245.2	1256.9	1280.1	1302.0	1322.7	1347.2	1370.4	1383.3	1400.1
12.5°	1163.9	1170.4	1180.7	1188.5	1213.0	1232.3	1259.4	1293.0	1326.5	1336.9	1357.5
15°	1098.1	1102.0	1122.7	1130.4	1151.0	1183.3	1200.1	1232.3	1268.5	1287.8	1311.1
17.5°	1022.0	1045.2	1058.1	1067.2	1093.0	1118.8	1145.9	1179.4	1225.9	1244.0	1260.7
20°	967.8	984.6	998.8	1010.4	1033.6	1072.3	1096.8	1123.9	1167.8	1188.5	1213.0
22.5°	920.1	934.3	947.2	960.1	975.5	1010.4	1038.8	1076.2	1120.1	1139.4	1167.8
25°	874.9	889.1	896.8	912.3	933.0	957.5	991.0	1024.6	1068.5	1090.4	1117.5
27.5°	831.0	845.2	859.4	872.3	886.5	909.7	933.0	975.5	1020.7	1046.5	1069.7
30°	793.6	800.1	813.0	827.2	841.3	863.3	890.4	920.1	971.7	994.9	1023.3
32.5°	752.3	763.9	773.0	783.3	801.3	819.4	843.9	881.3	922.6	944.6	975.5
35°	713.6	723.9	730.4	748.4	760.1	779.4	803.9	837.5	872.3	896.8	923.9
37.5°	676.2	686.5	694.2	704.6	720.0	736.8	762.6	787.1	828.4	849.1	880.1
40°	637.5	646.5	655.5	667.1	681.3	702.0	717.5	748.4	782.0	805.2	828.4
42.5°	600.0	605.2	615.5	628.4	642.6	660.7	682.6	707.1	740.7	761.3	782.0
45°	560.0	569.1	580.7	589.7	602.6	620.7	640.0	662.0	695.5	716.2	738.1
47.5°	522.6	529.1	536.8	551.0	567.8	580.7	601.3	622.0	652.9	672.3	692.9
50°	483.9	490.4	502.0	511.0	523.9	540.7	560.0	582.0	611.7	624.6	645.2
52.5°	447.8	450.4	462.0	471.0	483.9	503.3	518.7	538.1	566.5	580.7	601.3
55°	411.6	414.2	420.7	429.7	443.9	459.4	476.2	498.1	522.6	535.5	554.9
57.5°	374.2	376.8	383.3	389.7	403.9	418.1	437.4	455.5	480.0	491.6	509.7
60°	336.8	336.8	343.2	352.3	362.6	375.5	392.3	414.2	432.3	446.5	459.4
62.5°	296.8	300.7	304.5	311.0	322.6	338.1	352.3	367.8	389.7	400.0	411.6
65°	256.8	260.7	268.4	274.9	283.9	294.2	312.3	325.2	342.0	353.6	363.9
67.5°	222.0	225.8	231.0	238.7	245.2	256.8	269.7	282.6	300.7	308.4	316.2
70°	185.8	189.7	193.6	203.9	210.3	219.4	228.4	241.3	256.8	262.0	268.4
72.5°	157.4	158.7	163.9	166.5	175.5	183.2	193.6	201.3	212.9	219.4	224.5
75°	132.9	132.9	134.2	136.8	141.9	147.1	154.8	162.6	172.9	176.8	183.2
77.5°	104.5	108.4	107.1	109.7	112.3	114.8	121.3	126.5	136.8	139.4	141.9
80°	74.8	76.1	80.0	83.9	83.9	87.7	91.6	92.9	99.4	103.2	103.2
82.5°	54.2	55.5	54.2	55.5	56.8	58.1	61.9	67.1	67.1	68.4	71.0
85°	33.6	33.6	34.8	36.1	36.1	34.8	37.4	36.1	37.4	40.0	40.0
87.5°	16.8	15.5	15.5	15.5	15.5	15.5	16.8	15.5	16.8	16.8	16.8
90°	7.0	6.6	6.3	5.9	5.5	5.0	4.4	3.9	3.4	3.1	2.8
92.5°	17.1	16.6	16.1	15.5	15.0	14.3	13.7	13.0	12.3	12.0	11.8
95°	28.4	27.9	27.4	26.8	26.3	25.5	24.8	24.0	23.3	22.9	22.8
97.5°	41.2	40.7	40.2	39.8	39.3	38.2	37.2	36.1	35.0	34.5	34.5
100°	55.1	54.4	53.7	53.0	52.3	51.3	50.3	49.4	48.4	47.9	47.9
102.5°	69.0	68.3	67.5	66.8	66.0	65.6	65.2	64.9	64.5	64.3	64.1
105°	83.6	83.1	82.6	82.2	81.7	81.3	80.8	80.4	79.9	79.7	79.5
107.5°	99.1	98.8	98.6	98.3	98.1	97.7	97.3	97.0	96.6	96.4	96.2
110°	115.8	115.6	115.3	115.1	114.9	114.7	114.5	114.2	114.0	113.9	113.7

TEST NUMBER: P1028499

CATALOG NUMBER: S125RDIP-B1090D375UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	132.3	132.2	132.1	132.1	132.0	131.7	131.4	131.1	130.8	130.6	130.5
115°	149.1	149.2	149.3	149.3	149.4	149.2	149.1	148.9	148.8	148.7	148.6
117.5°	166.5	166.4	166.3	166.3	166.2	166.0	165.9	165.7	165.6	165.5	165.5
120°	183.6	183.6	183.6	183.6	183.6	183.5	183.5	183.4	183.3	183.3	183.1
122.5°	200.4	200.5	200.6	200.6	200.7	200.5	200.3	200.0	199.8	199.7	199.7
125°	216.9	217.0	217.2	217.3	217.5	217.4	217.3	217.2	217.1	217.1	216.9
127.5°	233.5	233.6	233.7	233.8	233.9	233.8	233.7	233.6	233.5	233.5	233.4
130°	250.0	250.1	250.2	250.2	250.3	250.1	250.0	249.8	249.7	249.6	249.4
132.5°	265.7	265.8	265.9	265.9	266.0	266.1	266.2	266.3	266.4	266.4	266.1
135°	282.1	282.1	282.1	282.1	282.1	282.0	282.0	281.9	281.8	281.8	281.6
137.5°	298.2	298.1	298.0	297.9	297.8	297.6	297.5	297.3	297.2	297.1	296.9
140°	313.1	313.0	312.8	312.7	312.5	312.3	312.1	311.8	311.6	311.5	311.3
142.5°	327.6	327.5	327.4	327.3	327.2	326.9	326.6	326.3	326.0	325.9	325.7
145°	341.3	341.3	341.3	341.3	341.3	341.1	340.8	340.6	340.3	340.2	340.1
147.5°	354.8	354.6	354.3	354.1	353.9	353.7	353.6	353.4	353.3	353.2	353.1
150°	366.6	366.6	366.6	366.6	366.6	366.3	366.0	365.7	365.4	365.2	365.2
152.5°	378.4	378.2	377.9	377.7	377.5	377.4	377.4	377.3	377.2	377.2	377.1
155°	389.3	389.0	388.7	388.4	388.1	388.0	388.0	387.9	387.8	387.8	387.8
157.5°	398.9	398.6	398.3	398.0	397.7	397.6	397.5	397.4	397.3	397.3	397.4
160°	407.4	407.1	406.8	406.5	406.2	406.1	406.1	406.0	405.9	405.9	406.0
162.5°	415.6	415.2	414.9	414.5	414.1	414.1	414.1	414.1	414.1	414.1	414.2
165°	422.5	422.2	421.9	421.6	421.3	421.2	421.1	421.0	420.9	420.9	421.0
167.5°	428.3	427.8	427.3	426.9	426.4	426.4	426.4	426.4	426.4	426.4	426.6
170°	433.0	432.5	432.1	431.6	431.2	431.2	431.2	431.2	431.2	431.2	431.4
172.5°	436.5	436.0	435.5	435.1	434.6	434.6	434.6	434.6	434.6	434.6	434.8
175°	438.9	438.4	437.9	437.5	437.0	437.0	437.0	437.0	437.0	437.0	437.2
177.5°	440.2	439.7	439.3	438.8	438.4	438.5	438.5	438.6	438.7	438.7	438.9
180°	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4

TEST NUMBER: P1028499

CATALOG NUMBER: S125RDIP-B1090D375UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1571.7	1571.7	1571.7	1571.7
2.5°	1535.6	1547.2	1558.8	1573.0
5°	1504.6	1525.3	1547.2	1567.8
7.5°	1471.1	1500.7	1529.1	1558.8
10°	1433.6	1471.1	1503.3	1544.6
12.5°	1392.4	1432.4	1477.5	1524.0
15°	1351.1	1401.4	1449.1	1502.0
17.5°	1312.3	1360.1	1413.0	1476.2
20°	1265.9	1318.8	1378.2	1445.3
22.5°	1216.9	1274.9	1339.4	1411.7
25°	1175.6	1234.9	1296.9	1373.0
27.5°	1130.4	1192.3	1253.0	1334.3
30°	1078.8	1145.9	1207.8	1291.7
32.5°	1029.7	1096.8	1165.2	1244.0
35°	982.0	1047.8	1116.2	1196.2
37.5°	936.8	996.2	1063.3	1135.6
40°	894.3	948.5	1007.8	1073.6
42.5°	840.1	903.3	958.8	1006.5
45°	793.6	845.2	896.8	935.5
47.5°	739.4	791.0	834.9	865.9
50°	694.2	735.5	771.7	798.8
52.5°	640.0	678.8	708.4	729.1
55°	587.1	620.7	646.5	660.7
57.5°	539.4	561.3	580.7	593.6
60°	486.5	503.3	520.0	534.2
62.5°	429.7	447.8	456.8	472.3
65°	379.4	391.0	405.2	410.4
67.5°	330.3	336.8	345.8	356.2
70°	278.7	282.6	291.6	305.8
72.5°	233.6	237.4	243.9	249.0
75°	185.8	189.7	194.9	200.0
77.5°	145.8	147.1	149.7	154.8
80°	105.8	109.7	112.3	113.6
82.5°	73.6	74.8	74.8	76.1
85°	46.5	43.9	43.9	45.2
87.5°	16.8	19.4	19.4	21.9
90°	2.2	1.5	0.9	0.3
92.5°	11.4	11.1	10.7	10.3
95°	22.7	22.5	22.4	22.2
97.5°	34.4	34.3	34.3	34.2
100°	47.9	47.9	47.9	47.9
102.5°	63.7	63.4	63.0	62.6
105°	79.1	78.8	78.4	78.0
107.5°	95.8	95.5	95.1	94.7
110°	113.3	113.0	112.6	112.2

TEST NUMBER: P1028499

CATALOG NUMBER: S125RDIP-B1090D375UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	130.4	130.2	130.1	129.9
115°	148.3	148.0	147.7	147.4
117.5°	165.4	165.3	165.3	165.2
120°	182.7	182.4	182.0	181.6
122.5°	199.6	199.5	199.5	199.4
125°	216.4	216.0	215.5	215.1
127.5°	233.2	232.9	232.7	232.5
130°	249.0	248.7	248.3	247.9
132.5°	265.4	264.7	264.0	263.3
135°	281.1	280.6	280.2	279.7
137.5°	296.4	296.0	295.5	295.1
140°	310.9	310.6	310.2	309.8
142.5°	325.4	325.1	324.8	324.5
145°	339.8	339.5	339.2	338.9
147.5°	352.9	352.6	352.4	352.2
150°	365.3	365.4	365.4	365.5
152.5°	377.0	376.8	376.7	376.5
155°	387.8	387.8	387.8	387.8
157.5°	397.5	397.7	397.8	398.0
160°	406.2	406.5	406.7	406.9
162.5°	414.3	414.5	414.6	414.8
165°	421.1	421.3	421.4	421.6
167.5°	426.9	427.2	427.5	427.8
170°	431.7	432.0	432.3	432.6
172.5°	435.1	435.4	435.7	436.0
175°	437.5	437.8	438.1	438.4
177.5°	439.2	439.5	439.8	440.1
180°	439.4	439.4	439.4	439.4

(END OF REPORT)