

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: P1027468

Luminaire Tested: S125DIP-B1090D610UB40-4F0-XX-W2A-A4

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1027468
REPORT IS A COMBINATION OF REPORTS P1001443 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIP-B1090D610UB40-4F0-XX-W2A-A4
Description: Define 5 Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865} {m-EER=0.951}
Light Source: -
Ballast/Driver: -

Summary

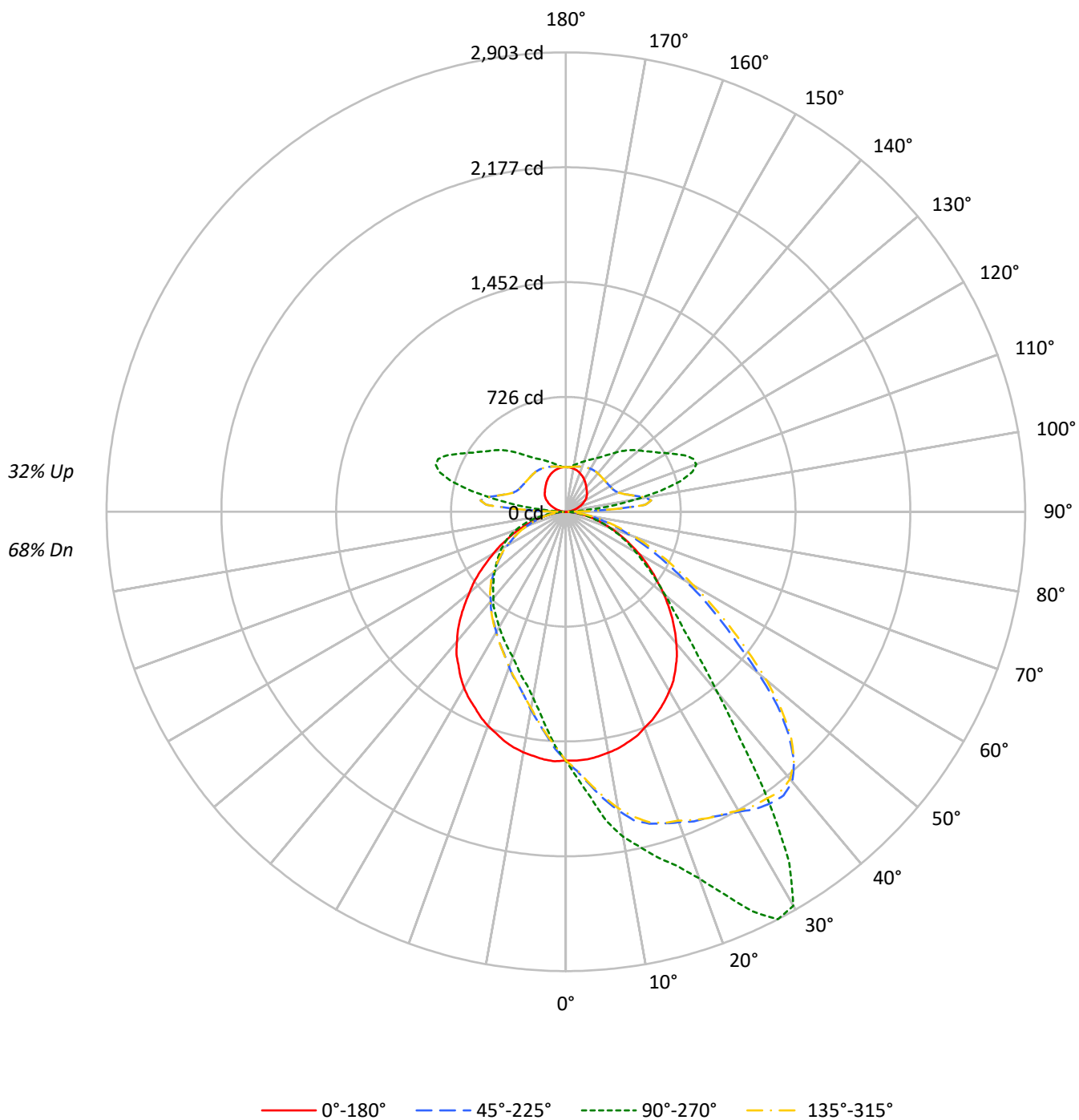
Lumens per Lamp: N/A
Luminaire Lumens: 6553.0 lumens
Efficiency: N/A
Efficacy: 105.4 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

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	82	82	82	72	72	72	68			
1	102	98	94	90	96	92	89	86	82	80	77	73	71	69	65	63	62	58			
2	93	86	80	74	88	81	76	71	72	68	65	65	61	58	57	55	52	49			
3	85	76	68	62	80	72	65	60	64	59	55	57	53	50	51	48	45	42			
4	78	67	59	53	73	64	56	51	57	51	47	51	47	43	46	42	39	36			
5	72	60	52	46	68	57	50	44	51	45	41	46	41	37	41	37	34	31			
6	66	54	46	40	62	51	44	38	46	40	36	42	37	33	37	33	30	27			
7	61	49	41	35	58	47	39	34	42	36	31	38	33	29	34	30	27	24			
8	57	44	37	31	54	42	35	30	38	32	28	35	30	26	31	27	24	22			
9	53	41	33	28	50	39	32	27	35	29	25	32	27	23	29	25	22	20			
10	50	37	30	25	47	36	29	24	33	27	23	30	25	21	27	23	20	18			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	10070	10070	10070	10070
5°	10077	11423	10086	8666
10°	10016	13020	9998	7439
15°	9943	14117	9881	6722
20°	9817	15470	9727	6136
25°	9706	17726	9528	5790
30°	9545	18701	9380	5476
35°	9292	14991	9097	5224
40°	8897	10361	8765	4957
45°	8397	7714	8303	4736
50°	7826	6351	7697	4558
55°	7209	5416	7152	4404
60°	6604	4636	6489	4285
65°	5951	4003	5855	4111
70°	5262	3324	5192	3807
75°	4531	2570	4472	3306
80°	3577	1738	3448	2430
85°	2287	869	2213	1239

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 15381 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	151.3	2.3
10°-20°	450.6	6.9
20°-30°	731.9	11.2
30°-40°	894.4	13.6
40°-50°	811.3	12.4
50°-60°	646.2	9.9
60°-70°	450.1	6.9
70°-80°	239.8	3.7
80°-90°	60.6	0.9
90°-100°	205.0	3.1
100°-110°	442.1	6.7
110°-120°	412.2	6.3
120°-130°	333.8	5.1
130°-140°	268.0	4.1
140°-150°	202.2	3.1
150°-160°	142.4	2.2
160°-170°	83.9	1.3
170°-180°	27.3	0.4
0°-30°	1333.7	20.4
0°-40°	2228.1	34.0
0°-60°	3685.7	56.2
0°-90°	4436.1	67.7
90°-120°	1059.3	16.2
90°-150°	1863.3	28.4
90°-180°	2117.0	32.3
0°-180°	6553.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1572	1572	1572	1572	1572	
5°	1570	1813	1572	1376	1570	149
15°	1509	2264	1500	1078	1509	426
25°	1389	2786	1364	910	1389	640
35°	1209	2236	1183	779	1209	755
45°	950	1054	939	647	950	732
55°	668	650	663	528	668	598
65°	414	399	407	410	414	410
75°	200	196	198	252	200	213
85°	40	44	39	63	40	48
90°	1	13	1	13	1	4
95°	19	134	19	134	19	20
105°	64	753	64	753	64	68
115°	115	839	115	839	115	113
125°	159	661	159	661	159	141
135°	186	549	186	549	186	145
145°	217	433	217	433	217	136
155°	248	363	248	363	248	114
165°	270	318	270	318	270	76
175°	281	286	281	286	281	27
180°	282	282	282	282	282	

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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°	1574.3	1583.7	1594.3	1602.3	1615.7	1619.7	1626.4	1630.4	1634.4	1638.4	1641.0
5°	1570.3	1593.0	1613.0	1627.7	1653.0	1662.4	1674.4	1689.1	1706.4	1721.1	1730.4
7.5°	1559.7	1595.7	1622.4	1651.7	1686.4	1709.1	1721.1	1751.8	1779.8	1801.1	1829.2
10°	1546.3	1589.0	1630.4	1674.4	1723.8	1749.1	1773.1	1815.8	1854.5	1889.2	1917.2
12.5°	1531.6	1583.7	1633.0	1690.4	1757.1	1787.8	1803.8	1877.2	1925.2	1943.9	1998.6
15°	1509.0	1570.3	1641.0	1711.7	1767.8	1803.8	1847.8	1906.5	1954.6	1995.9	2040.0
17.5°	1487.6	1554.3	1626.4	1705.1	1786.5	1833.2	1866.5	1918.5	1970.6	2023.9	2065.3
20°	1452.9	1539.6	1613.0	1697.1	1793.1	1826.5	1861.2	1922.5	1978.6	2036.0	2088.0
22.5°	1424.9	1507.6	1607.7	1687.7	1769.1	1802.5	1845.2	1909.2	1975.9	2041.3	2117.3
25°	1388.9	1480.9	1567.7	1653.0	1737.1	1773.1	1811.8	1894.5	1963.9	2048.0	2132.0
27.5°	1350.2	1444.9	1531.6	1609.0	1687.7	1737.1	1778.5	1865.2	1957.2	2049.3	2158.7
30°	1308.8	1398.2	1480.9	1557.0	1643.7	1694.4	1735.8	1837.2	1939.9	2057.3	2188.1
32.5°	1264.8	1348.9	1419.6	1496.9	1589.0	1635.7	1691.7	1802.5	1923.9	2064.0	2228.1
35°	1208.8	1288.8	1351.5	1430.2	1522.3	1582.3	1641.0	1765.1	1906.5	2062.6	2250.8
37.5°	1152.7	1215.4	1275.5	1359.5	1466.3	1521.0	1582.3	1718.4	1879.9	2058.6	2260.1
40°	1086.0	1147.4	1199.4	1284.8	1396.9	1459.6	1523.6	1666.4	1849.2	2044.0	2226.7
42.5°	1019.3	1071.3	1128.7	1218.1	1326.2	1392.9	1460.9	1619.7	1809.1	2001.3	2134.7
45°	949.9	990.0	1052.7	1134.1	1248.8	1312.8	1390.2	1562.3	1753.1	1923.9	1990.6
47.5°	877.9	917.9	976.6	1055.3	1168.7	1244.8	1318.2	1490.3	1682.4	1814.5	1814.5
50°	808.5	840.5	897.9	976.6	1091.4	1160.7	1235.4	1418.2	1573.0	1670.4	1583.7
52.5°	733.8	769.8	817.9	900.6	1014.0	1076.7	1158.1	1314.2	1460.9	1500.9	1367.5
55°	668.4	697.8	743.1	821.9	927.3	992.6	1062.0	1211.4	1335.5	1332.8	1190.1
57.5°	600.4	624.4	672.4	744.5	841.9	900.6	969.9	1099.4	1200.8	1164.7	1030.0
60°	537.7	555.0	601.7	660.4	753.8	808.5	875.2	980.6	1058.0	1007.3	871.2
62.5°	472.3	492.3	529.7	587.0	669.8	713.8	763.1	869.9	919.2	873.9	735.1
65°	413.6	429.6	463.0	511.0	585.7	625.7	668.4	756.5	803.2	737.8	623.1
67.5°	354.9	373.6	397.6	440.3	499.0	536.3	573.7	649.7	671.1	612.4	516.3
70°	300.2	316.2	338.9	369.6	418.9	452.3	480.3	543.0	557.7	503.0	426.9
72.5°	246.8	257.5	276.2	301.5	346.9	365.6	394.9	437.6	456.3	406.9	352.2
75°	200.1	208.1	220.1	238.8	269.5	289.5	313.5	353.6	352.2	317.5	278.8
77.5°	154.8	156.1	169.4	186.8	205.5	222.8	234.8	262.8	265.5	244.2	212.1
80°	110.7	114.7	120.1	133.4	149.4	156.1	170.8	188.1	190.8	174.8	153.4
82.5°	70.7	73.4	77.4	85.4	96.1	104.1	112.1	118.7	125.4	116.1	98.7
85°	40.0	41.4	45.4	48.0	53.4	57.4	64.0	70.7	69.4	62.7	57.4
87.5°	20.0	20.0	20.0	22.7	25.3	25.3	28.0	29.4	30.7	28.0	25.3
90°	0.6	1.1	2.3	3.4	4.5	5.1	5.7	6.3	7.4	8.0	9.1
92.5°	8.5	10.2	15.9	24.4	36.4	46.6	56.8	95.5	160.2	230.7	226.7
95°	18.8	19.3	23.9	30.1	42.6	55.4	68.2	129.0	254.0	410.8	503.4
97.5°	29.0	29.5	33.0	39.2	50.6	60.0	69.3	111.4	207.4	376.7	543.8
100°	39.8	40.9	43.2	49.4	60.2	68.8	77.3	110.2	184.1	327.3	513.1
102.5°	51.7	52.3	54.0	60.8	70.5	78.7	86.9	115.3	174.4	289.8	459.1
105°	64.2	64.2	67.1	72.7	81.8	89.8	97.7	122.7	173.3	268.2	412.0
107.5°	76.1	77.3	80.1	84.7	94.3	101.4	108.5	133.0	177.3	256.8	376.7
110°	89.2	90.3	92.6	97.7	106.3	113.6	121.0	144.3	183.5	252.3	353.4

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	102.3	103.4	105.1	110.2	118.8	125.9	133.0	155.1	191.5	252.3	339.8
115°	114.8	115.9	117.6	122.7	131.3	138.4	145.5	166.5	199.4	254.0	330.7
117.5°	126.1	127.8	129.6	134.7	144.3	151.2	158.0	177.9	208.5	256.8	325.6
120°	137.5	139.2	141.5	146.6	156.3	163.4	170.5	190.4	217.6	261.4	322.2
122.5°	149.4	150.6	152.3	157.4	168.2	175.3	182.4	202.3	227.9	265.4	319.3
125°	159.1	160.2	163.1	168.2	179.0	186.4	193.8	212.5	236.9	269.9	317.1
127.5°	167.1	168.8	172.2	178.4	189.8	197.2	204.6	222.7	245.5	275.0	315.9
130°	174.4	176.1	180.7	188.1	200.0	207.4	214.8	232.4	254.0	279.6	314.8
132.5°	180.1	182.4	188.1	196.6	209.1	216.5	223.9	241.5	261.4	284.7	314.8
135°	186.4	188.6	195.5	204.6	216.5	224.2	231.8	249.4	268.2	289.2	314.8
137.5°	194.3	196.0	202.3	211.4	223.3	231.2	239.2	255.1	273.3	293.8	315.4
140°	201.2	202.9	209.7	218.8	229.6	237.2	244.9	261.4	278.4	296.6	315.9
142.5°	209.1	210.2	216.5	225.6	235.8	242.9	250.0	265.4	281.3	298.3	316.5
145°	217.1	218.2	223.9	231.8	242.1	248.6	255.1	269.9	284.1	299.5	315.9
147.5°	225.6	226.2	231.3	238.7	247.7	253.7	259.7	272.7	285.8	300.0	314.8
150°	233.0	234.1	238.1	245.5	253.4	258.2	263.1	275.6	287.5	300.0	313.1
152.5°	240.9	241.5	244.9	251.2	258.5	262.8	267.1	278.4	288.7	299.5	310.8
155°	247.7	247.7	251.2	256.8	262.5	266.5	270.5	280.1	289.2	298.3	308.0
157.5°	254.0	254.0	256.8	262.0	267.1	270.2	273.3	281.8	289.8	297.2	305.1
160°	260.2	259.7	262.0	265.9	270.5	273.0	275.6	283.0	289.8	295.5	302.3
162.5°	265.4	264.8	267.1	270.5	273.9	275.9	277.9	284.1	289.2	293.8	298.9
165°	270.5	269.3	271.0	273.9	276.2	277.9	279.6	284.1	288.7	292.1	295.5
167.5°	273.9	273.3	274.5	276.2	277.9	279.0	280.1	284.1	287.5	289.2	292.1
170°	277.3	276.7	277.3	278.4	279.6	280.5	281.3	284.1	286.4	287.5	289.2
172.5°	279.6	278.4	279.0	280.1	280.7	281.0	281.3	283.5	285.2	285.2	285.8
175°	281.3	280.1	280.7	281.3	281.3	281.3	281.3	283.0	284.1	283.5	283.5
177.5°	282.4	281.3	281.3	281.8	281.3	281.3	281.3	282.4	283.0	281.8	281.8
180°	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8

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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°	1643.7	1653.0	1661.1	1667.7	1673.1	1681.1	1675.7	1677.1	1679.7	1685.1	1685.1
5°	1750.4	1765.1	1773.1	1799.8	1806.5	1805.1	1801.1	1822.5	1821.2	1813.1	1811.8
7.5°	1854.5	1879.9	1902.5	1923.9	1930.6	1947.9	1951.9	1961.2	1958.6	1971.9	1965.2
10°	1949.2	1989.3	2010.6	2042.6	2050.6	2058.6	2069.3	2074.6	2086.7	2085.3	2085.3
12.5°	2022.6	2070.6	2098.7	2106.7	2137.4	2146.7	2156.0	2173.4	2169.4	2170.7	2178.7
15°	2080.0	2126.7	2150.7	2188.1	2209.4	2220.1	2236.1	2254.8	2252.1	2264.1	2261.4
17.5°	2122.7	2166.7	2210.7	2266.8	2268.1	2296.1	2333.5	2341.5	2358.8	2346.8	2346.8
20°	2157.4	2216.1	2278.8	2350.8	2358.8	2376.2	2421.5	2452.2	2472.2	2465.6	2469.6
22.5°	2194.7	2278.8	2352.2	2424.2	2462.9	2493.6	2537.6	2585.6	2603.0	2613.7	2611.0
25°	2242.8	2330.8	2438.9	2538.9	2579.0	2637.7	2696.4	2743.1	2756.4	2785.8	2759.1
27.5°	2292.1	2416.2	2550.9	2668.4	2719.1	2767.1	2837.8	2872.5	2889.8	2903.2	2893.8
30°	2333.5	2504.3	2651.0	2759.1	2795.1	2823.1	2863.1	2871.1	2864.5	2875.2	2888.5
32.5°	2397.5	2564.3	2688.4	2740.4	2736.4	2735.1	2704.4	2661.7	2652.3	2627.0	2661.7
35°	2432.2	2565.6	2613.7	2544.3	2516.3	2465.6	2368.2	2304.1	2248.1	2236.1	2238.7
37.5°	2412.2	2464.2	2406.9	2224.1	2178.7	2101.3	1971.9	1881.2	1839.8	1807.8	1849.2
40°	2304.1	2246.8	2089.3	1866.5	1801.1	1727.8	1606.3	1557.0	1498.3	1486.3	1541.0
42.5°	2125.3	1950.6	1727.8	1555.7	1487.6	1446.2	1344.9	1298.2	1256.8	1238.1	1268.8
45°	1882.5	1670.4	1446.2	1304.8	1247.5	1198.1	1138.1	1088.7	1062.0	1054.0	1079.3
47.5°	1631.7	1407.6	1228.8	1123.4	1063.3	1026.0	969.9	941.9	920.6	923.3	927.3
50°	1391.5	1187.4	1050.0	944.6	915.2	885.9	848.5	824.5	813.8	817.9	815.2
52.5°	1184.7	1019.3	903.2	821.9	808.5	780.5	749.8	729.8	725.8	727.1	731.1
55°	1003.3	873.9	781.8	723.1	708.4	688.4	669.8	656.4	645.7	649.7	648.4
57.5°	865.9	752.5	681.8	633.7	623.1	611.1	593.7	587.0	583.0	575.0	581.7
60°	744.5	652.4	591.0	561.7	552.3	544.3	525.7	517.7	515.0	511.0	521.7
62.5°	629.7	564.4	517.7	491.0	481.6	473.6	464.3	457.6	459.0	453.6	459.0
65°	539.0	485.6	452.3	428.3	416.3	410.9	409.6	398.9	397.6	398.9	400.3
67.5°	455.0	409.6	384.2	369.6	360.2	354.9	350.9	344.2	349.6	345.6	348.2
70°	378.9	348.2	321.5	306.9	302.9	304.2	297.5	294.9	296.2	293.5	296.2
72.5°	305.5	280.2	269.5	258.8	253.5	252.2	248.2	244.2	248.2	246.8	246.8
75°	244.2	225.5	213.5	206.8	206.8	204.1	197.5	197.5	197.5	196.1	197.5
77.5°	188.1	172.1	166.8	160.1	160.1	156.1	154.8	154.8	152.1	156.1	153.4
80°	140.1	128.1	120.1	116.1	116.1	114.7	112.1	110.7	112.1	110.7	110.7
82.5°	90.7	85.4	81.4	77.4	76.0	77.4	76.0	73.4	74.7	73.4	76.0
85°	52.0	46.7	46.7	44.0	45.4	42.7	44.0	41.4	40.0	44.0	41.4
87.5°	22.7	21.3	21.3	18.7	18.7	18.7	17.3	18.7	17.3	16.0	17.3
90°	9.7	10.2	10.8	11.4	12.0	12.5	12.5	12.5	13.1	13.1	13.1
92.5°	183.0	123.3	88.6	65.9	60.5	55.1	46.0	44.3	43.2	42.0	43.2
95°	492.6	408.6	322.2	252.3	228.4	204.6	164.2	147.2	142.6	133.5	142.6
97.5°	615.4	585.8	517.1	446.6	412.5	378.4	344.3	314.8	299.5	292.6	299.5
100°	655.2	698.9	671.1	612.5	583.0	553.4	514.2	473.3	452.3	443.2	452.3
102.5°	631.3	737.0	765.4	744.9	727.3	709.7	667.1	641.0	617.7	611.4	617.7
105°	575.0	711.4	789.3	814.3	811.2	808.0	789.8	771.1	759.7	752.9	759.7
107.5°	521.6	659.1	762.0	822.2	834.7	847.2	852.3	849.5	843.8	838.1	843.8
110°	477.3	600.0	708.0	788.1	812.2	836.4	862.0	872.8	876.8	876.8	876.8

TEST NUMBER: P1027468

CATALOG NUMBER: S125DIP-B1090D610UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	444.3	553.4	654.6	735.8	765.3	794.9	835.3	855.7	867.1	872.2	867.1
115°	422.2	515.9	604.0	681.9	712.8	743.8	788.1	815.4	831.3	838.7	831.3
117.5°	407.4	489.8	567.7	635.8	665.1	694.4	739.3	767.7	783.6	788.1	783.6
120°	395.5	469.4	537.5	600.0	625.0	650.0	692.1	719.4	734.7	739.3	734.7
122.5°	385.3	454.0	515.9	569.9	593.0	616.0	652.3	676.8	692.1	696.1	692.1
125°	376.2	439.2	497.2	546.6	567.0	587.5	619.4	642.7	655.2	660.8	655.2
127.5°	367.6	423.9	479.0	525.6	544.9	564.2	593.2	614.2	626.2	628.5	626.2
130°	359.1	409.7	459.7	504.0	522.4	540.9	569.4	588.1	599.5	602.9	599.5
132.5°	352.3	395.5	441.5	480.7	498.3	515.9	544.4	563.1	573.3	577.3	573.3
135°	347.2	383.5	422.8	459.1	475.3	491.5	516.5	535.3	545.5	548.9	545.5
137.5°	342.1	372.8	405.7	437.0	451.2	465.4	488.1	505.7	515.4	519.4	515.4
140°	338.7	364.2	390.9	417.1	429.0	440.9	462.0	476.7	485.3	488.1	485.3
142.5°	335.8	356.8	378.4	400.0	410.0	419.9	437.0	448.9	456.9	459.1	456.9
145°	333.0	350.6	368.2	385.8	393.5	401.2	414.8	424.5	430.7	433.0	430.7
147.5°	330.1	344.3	359.1	373.3	379.3	385.3	396.6	404.6	408.6	409.7	408.6
150°	326.7	339.2	351.7	362.5	367.6	372.8	381.3	388.1	390.4	390.9	390.4
152.5°	322.7	333.5	344.3	354.0	357.7	361.4	368.2	373.3	375.6	376.2	375.6
155°	318.2	327.9	337.0	344.9	348.0	351.2	356.8	360.8	362.5	363.1	362.5
157.5°	314.2	322.2	330.1	336.4	339.0	341.5	346.0	349.5	351.2	351.2	351.2
160°	309.1	316.5	322.2	327.9	329.8	331.8	335.8	338.7	339.8	339.2	339.8
162.5°	304.6	310.2	315.4	319.9	321.6	323.3	326.2	328.4	328.4	328.4	328.4
165°	300.0	304.6	308.5	312.0	313.4	314.8	317.1	318.2	318.2	318.2	318.2
167.5°	295.5	298.9	301.7	304.6	305.7	306.8	308.0	309.1	308.5	308.5	308.5
170°	291.5	294.3	296.0	297.7	298.3	298.9	300.0	300.6	300.6	300.0	300.6
172.5°	287.5	289.2	290.9	292.1	292.4	292.6	292.6	293.8	292.6	292.1	292.6
175°	284.1	285.8	285.8	287.0	287.0	287.0	287.0	287.5	286.4	285.8	286.4
177.5°	282.4	283.0	283.5	283.5	283.5	283.5	283.0	283.5	281.8	281.8	281.8
180°	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8

TEST NUMBER: P1027468

CATALOG NUMBER: S125DIP-B1090D610UB40-4F0-XX-W2A-A4

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°	1682.4	1673.1	1675.7	1673.1	1666.4	1662.4	1651.7	1638.4	1633.0	1626.4	1622.4
5°	1817.1	1810.5	1809.1	1798.5	1795.8	1779.8	1753.1	1739.8	1723.8	1707.7	1691.7
7.5°	1963.9	1955.9	1929.2	1925.2	1927.9	1907.9	1873.2	1846.5	1813.1	1790.5	1759.8
10°	2085.3	2069.3	2046.6	2048.0	2038.6	2011.9	1977.3	1949.2	1901.2	1871.9	1827.8
12.5°	2158.7	2145.4	2142.7	2129.3	2121.3	2086.7	2045.3	2009.3	1973.2	1933.2	1899.9
15°	2248.1	2230.7	2218.7	2200.1	2194.7	2158.7	2113.3	2072.0	2030.6	1993.3	1922.5
17.5°	2346.8	2328.1	2282.8	2278.8	2246.8	2212.1	2168.0	2106.7	2062.6	2009.3	1957.2
20°	2458.9	2432.2	2373.5	2358.8	2333.5	2276.1	2216.1	2148.0	2077.3	2022.6	1961.2
22.5°	2584.3	2537.6	2494.9	2448.2	2429.5	2358.8	2276.1	2193.4	2108.0	2033.3	1959.9
25°	2747.1	2685.7	2625.7	2579.0	2546.9	2454.9	2344.1	2234.7	2136.0	2038.6	1942.6
27.5°	2875.2	2821.8	2756.4	2695.0	2653.7	2544.3	2417.5	2276.1	2153.4	2034.6	1931.9
30°	2884.5	2868.5	2828.5	2795.1	2749.7	2632.3	2492.2	2332.1	2180.0	2036.0	1910.5
32.5°	2709.7	2741.7	2759.1	2764.4	2755.1	2687.0	2559.0	2382.8	2204.1	2023.9	1891.9
35°	2333.5	2418.9	2524.3	2564.3	2603.0	2639.0	2572.3	2418.9	2212.1	2021.3	1862.5
37.5°	1921.2	1998.6	2173.4	2253.4	2298.8	2441.5	2496.2	2413.5	2228.1	2023.9	1834.5
40°	1550.3	1673.1	1798.5	1906.5	1977.3	2137.4	2306.8	2325.5	2205.4	1998.6	1798.5
42.5°	1304.8	1376.9	1471.6	1571.7	1634.4	1823.8	2053.3	2188.1	2134.7	1957.2	1754.4
45°	1111.4	1164.7	1254.1	1287.5	1367.5	1549.0	1791.8	1986.6	2013.3	1891.9	1703.7
47.5°	953.9	999.3	1056.7	1098.0	1162.1	1298.2	1503.6	1718.4	1846.5	1802.5	1633.0
50°	840.5	877.9	925.9	949.9	991.3	1114.0	1268.8	1482.3	1654.4	1669.1	1541.0
52.5°	745.8	767.2	804.5	831.2	864.5	939.3	1079.3	1255.5	1448.9	1529.0	1427.6
55°	663.1	680.4	713.8	731.1	748.5	812.5	921.9	1082.0	1263.5	1368.9	1311.5
57.5°	588.4	603.0	631.1	647.1	656.4	717.8	801.8	927.3	1090.0	1218.1	1186.1
60°	527.0	540.3	556.4	568.4	579.0	629.7	688.4	789.8	935.3	1059.3	1051.3
62.5°	461.6	473.6	491.0	503.0	512.3	544.3	593.7	671.1	795.2	909.9	932.6
65°	404.3	413.6	425.6	430.9	442.9	467.0	507.0	576.4	677.8	780.5	796.5
67.5°	352.2	354.9	362.9	374.9	377.6	398.9	434.9	487.0	565.7	649.7	675.1
70°	296.2	300.2	306.9	316.2	321.5	334.9	365.6	400.3	468.3	541.7	560.4
72.5°	246.8	252.2	254.8	260.2	262.8	284.2	297.5	332.2	378.9	440.3	460.3
75°	200.1	205.5	206.8	209.5	212.1	221.5	240.2	261.5	300.2	340.2	366.9
77.5°	158.8	157.4	160.1	164.1	162.8	170.8	182.8	201.5	226.8	260.2	277.5
80°	112.1	112.1	116.1	120.1	118.7	126.7	130.7	144.1	165.4	186.8	193.5
82.5°	74.7	74.7	78.7	78.7	81.4	82.7	88.1	94.7	112.1	122.7	126.7
85°	42.7	42.7	44.0	44.0	44.0	46.7	50.7	53.4	58.7	65.4	68.0
87.5°	17.3	18.7	18.7	18.7	18.7	21.3	21.3	24.0	25.3	28.0	28.0
90°	12.5	12.5	12.5	12.0	11.4	10.8	10.2	9.7	9.1	8.0	7.4
92.5°	44.3	46.0	55.1	60.5	65.9	88.6	123.3	183.0	226.7	230.7	160.2
95°	147.2	164.2	204.6	228.4	252.3	322.2	408.6	492.6	503.4	410.8	254.0
97.5°	314.8	344.3	378.4	412.5	446.6	517.1	585.8	615.4	543.8	376.7	207.4
100°	473.3	514.2	553.4	583.0	612.5	671.1	698.9	655.2	513.1	327.3	184.1
102.5°	641.0	667.1	709.7	727.3	744.9	765.4	737.0	631.3	459.1	289.8	174.4
105°	771.1	789.8	808.0	811.2	814.3	789.3	711.4	575.0	412.0	268.2	173.3
107.5°	849.5	852.3	847.2	834.7	822.2	762.0	659.1	521.6	376.7	256.8	177.3
110°	872.8	862.0	836.4	812.2	788.1	708.0	600.0	477.3	353.4	252.3	183.5

TEST NUMBER: P1027468

CATALOG NUMBER: S125DIP-B1090D610UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	855.7	835.3	794.9	765.3	735.8	654.6	553.4	444.3	339.8	252.3	191.5
115°	815.4	788.1	743.8	712.8	681.9	604.0	515.9	422.2	330.7	254.0	199.4
117.5°	767.7	739.3	694.4	665.1	635.8	567.7	489.8	407.4	325.6	256.8	208.5
120°	719.4	692.1	650.0	625.0	600.0	537.5	469.4	395.5	322.2	261.4	217.6
122.5°	676.8	652.3	616.0	593.0	569.9	515.9	454.0	385.3	319.3	265.4	227.9
125°	642.7	619.4	587.5	567.0	546.6	497.2	439.2	376.2	317.1	269.9	236.9
127.5°	614.2	593.2	564.2	544.9	525.6	479.0	423.9	367.6	315.9	275.0	245.5
130°	588.1	569.4	540.9	522.4	504.0	459.7	409.7	359.1	314.8	279.6	254.0
132.5°	563.1	544.4	515.9	498.3	480.7	441.5	395.5	352.3	314.8	284.7	261.4
135°	535.3	516.5	491.5	475.3	459.1	422.8	383.5	347.2	314.8	289.2	268.2
137.5°	505.7	488.1	465.4	451.2	437.0	405.7	372.8	342.1	315.4	293.8	273.3
140°	476.7	462.0	440.9	429.0	417.1	390.9	364.2	338.7	315.9	296.6	278.4
142.5°	448.9	437.0	419.9	410.0	400.0	378.4	356.8	335.8	316.5	298.3	281.3
145°	424.5	414.8	401.2	393.5	385.8	368.2	350.6	333.0	315.9	299.5	284.1
147.5°	404.6	396.6	385.3	379.3	373.3	359.1	344.3	330.1	314.8	300.0	285.8
150°	388.1	381.3	372.8	367.6	362.5	351.7	339.2	326.7	313.1	300.0	287.5
152.5°	373.3	368.2	361.4	357.7	354.0	344.3	333.5	322.7	310.8	299.5	288.7
155°	360.8	356.8	351.2	348.0	344.9	337.0	327.9	318.2	308.0	298.3	289.2
157.5°	349.5	346.0	341.5	339.0	336.4	330.1	322.2	314.2	305.1	297.2	289.8
160°	338.7	335.8	331.8	329.8	327.9	322.2	316.5	309.1	302.3	295.5	289.8
162.5°	328.4	326.2	323.3	321.6	319.9	315.4	310.2	304.6	298.9	293.8	289.2
165°	318.2	317.1	314.8	313.4	312.0	308.5	304.6	300.0	295.5	292.1	288.7
167.5°	309.1	308.0	306.8	305.7	304.6	301.7	298.9	295.5	292.1	289.2	287.5
170°	300.6	300.0	298.9	298.3	297.7	296.0	294.3	291.5	289.2	287.5	286.4
172.5°	293.8	292.6	292.6	292.4	292.1	290.9	289.2	287.5	285.8	285.2	285.2
175°	287.5	287.0	287.0	287.0	287.0	285.8	285.8	284.1	283.5	283.5	284.1
177.5°	283.5	283.0	283.5	283.5	283.5	283.5	283.0	282.4	281.8	281.8	283.0
180°	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8

TEST NUMBER: P1027468

CATALOG NUMBER: S125DIP-B1090D610UB40-4F0-XX-W2A-A4

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°	1617.0	1610.4	1602.3	1602.3	1593.0	1589.0	1581.0	1578.3	1571.7	1561.0	1553.0
5°	1674.4	1657.0	1646.4	1637.0	1617.0	1602.3	1587.7	1571.7	1555.7	1537.0	1515.6
7.5°	1730.4	1698.4	1683.7	1667.7	1638.4	1607.7	1578.3	1557.0	1535.6	1506.3	1479.6
10°	1789.1	1749.1	1722.4	1701.1	1655.7	1617.0	1574.3	1543.6	1510.3	1472.9	1438.2
12.5°	1838.5	1786.5	1763.8	1723.8	1671.7	1625.0	1571.7	1525.0	1480.9	1436.9	1394.2
15°	1879.9	1830.5	1774.5	1758.4	1686.4	1619.7	1559.7	1499.6	1444.9	1400.9	1351.5
17.5°	1893.2	1830.5	1802.5	1763.8	1678.4	1609.0	1533.0	1467.6	1415.6	1350.2	1311.5
20°	1897.2	1837.2	1798.5	1762.4	1686.4	1594.3	1519.6	1439.6	1376.9	1311.5	1250.1
22.5°	1886.5	1815.8	1778.5	1743.8	1658.4	1579.7	1492.9	1404.9	1331.5	1271.5	1210.1
25°	1866.5	1783.8	1747.8	1710.4	1629.0	1542.3	1447.6	1363.5	1295.5	1223.4	1163.4
27.5°	1839.8	1745.1	1703.7	1665.1	1585.0	1503.6	1414.2	1327.5	1251.5	1175.4	1119.4
30°	1806.5	1697.1	1659.7	1609.0	1531.6	1454.3	1372.9	1286.1	1200.8	1128.7	1067.3
32.5°	1763.8	1649.0	1599.7	1551.6	1467.6	1396.9	1319.5	1238.1	1155.4	1084.7	1020.6
35°	1725.1	1594.3	1539.6	1491.6	1398.2	1323.5	1259.5	1183.4	1110.0	1036.7	979.3
37.5°	1673.1	1539.6	1474.3	1424.9	1330.2	1254.1	1194.1	1135.4	1058.0	987.3	933.9
40°	1618.4	1471.6	1410.2	1360.9	1262.1	1179.4	1122.0	1070.0	1007.3	941.9	885.9
42.5°	1569.0	1406.2	1340.8	1280.8	1180.7	1107.4	1048.7	1008.6	951.3	892.6	841.9
45°	1506.3	1336.8	1266.1	1203.4	1107.4	1027.3	971.3	939.3	896.6	839.2	795.2
47.5°	1442.2	1262.1	1188.8	1127.4	1023.3	952.6	897.9	867.2	837.9	792.5	748.5
50°	1358.2	1183.4	1116.7	1046.0	943.3	871.2	825.9	795.2	772.5	740.5	703.1
52.5°	1266.1	1102.0	1030.0	968.6	867.2	801.8	749.8	732.5	709.8	685.8	653.7
55°	1168.7	1014.0	944.6	884.6	791.2	724.5	681.8	663.1	645.7	627.1	605.7
57.5°	1071.3	921.9	856.5	803.2	716.5	652.4	617.7	592.4	580.4	569.7	552.3
60°	949.9	823.2	772.5	724.5	639.1	580.4	547.0	528.3	517.7	512.3	504.3
62.5°	843.2	739.1	683.1	636.4	568.4	516.3	484.3	469.6	460.3	457.6	448.3
65°	729.8	640.4	596.4	556.4	497.6	451.0	424.3	406.9	400.3	398.9	398.9
67.5°	623.1	551.0	507.0	479.0	428.3	386.9	361.6	354.9	350.9	345.6	344.2
70°	523.0	465.6	426.9	402.9	357.6	326.9	306.9	296.2	296.2	292.2	289.5
72.5°	434.9	377.6	352.2	332.2	294.9	268.2	253.5	250.8	241.5	240.2	240.2
75°	340.2	297.5	280.2	262.8	234.8	216.1	204.1	197.5	192.1	192.1	193.5
77.5°	256.2	226.8	210.8	197.5	177.4	165.4	156.1	153.4	148.1	148.1	148.1
80°	181.4	165.4	153.4	142.8	128.1	117.4	112.1	106.7	106.7	105.4	106.7
82.5°	117.4	104.1	97.4	96.1	82.7	78.7	72.0	73.4	69.4	68.0	70.7
85°	68.0	61.4	53.4	50.7	45.4	40.0	37.4	38.7	37.4	36.0	37.4
87.5°	26.7	22.7	21.3	21.3	17.3	16.0	14.7	16.0	13.3	13.3	14.7
90°	6.3	5.7	5.1	4.5	3.4	2.3	1.1	0.6	1.1	2.3	3.4
92.5°	95.5	56.8	46.6	36.4	24.4	15.9	10.2	8.5	10.2	15.9	24.4
95°	129.0	68.2	55.4	42.6	30.1	23.9	19.3	18.8	19.3	23.9	30.1
97.5°	111.4	69.3	60.0	50.6	39.2	33.0	29.5	29.0	29.5	33.0	39.2
100°	110.2	77.3	68.8	60.2	49.4	43.2	40.9	39.8	40.9	43.2	49.4
102.5°	115.3	86.9	78.7	70.5	60.8	54.0	52.3	51.7	52.3	54.0	60.8
105°	122.7	97.7	89.8	81.8	72.7	67.1	64.2	64.2	64.2	67.1	72.7
107.5°	133.0	108.5	101.4	94.3	84.7	80.1	77.3	76.1	77.3	80.1	84.7
110°	144.3	121.0	113.6	106.3	97.7	92.6	90.3	89.2	90.3	92.6	97.7

TEST NUMBER: P1027468

CATALOG NUMBER: S125DIP-B1090D610UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	155.1	133.0	125.9	118.8	110.2	105.1	103.4	102.3	103.4	105.1	110.2
115°	166.5	145.5	138.4	131.3	122.7	117.6	115.9	114.8	115.9	117.6	122.7
117.5°	177.9	158.0	151.2	144.3	134.7	129.6	127.8	126.1	127.8	129.6	134.7
120°	190.4	170.5	163.4	156.3	146.6	141.5	139.2	137.5	139.2	141.5	146.6
122.5°	202.3	182.4	175.3	168.2	157.4	152.3	150.6	149.4	150.6	152.3	157.4
125°	212.5	193.8	186.4	179.0	168.2	163.1	160.2	159.1	160.2	163.1	168.2
127.5°	222.7	204.6	197.2	189.8	178.4	172.2	168.8	167.1	168.8	172.2	178.4
130°	232.4	214.8	207.4	200.0	188.1	180.7	176.1	174.4	176.1	180.7	188.1
132.5°	241.5	223.9	216.5	209.1	196.6	188.1	182.4	180.1	182.4	188.1	196.6
135°	249.4	231.8	224.2	216.5	204.6	195.5	188.6	186.4	188.6	195.5	204.6
137.5°	255.1	239.2	231.2	223.3	211.4	202.3	196.0	194.3	196.0	202.3	211.4
140°	261.4	244.9	237.2	229.6	218.8	209.7	202.9	201.2	202.9	209.7	218.8
142.5°	265.4	250.0	242.9	235.8	225.6	216.5	210.2	209.1	210.2	216.5	225.6
145°	269.9	255.1	248.6	242.1	231.8	223.9	218.2	217.1	218.2	223.9	231.8
147.5°	272.7	259.7	253.7	247.7	238.7	231.3	226.2	225.6	226.2	231.3	238.7
150°	275.6	263.1	258.2	253.4	245.5	238.1	234.1	233.0	234.1	238.1	245.5
152.5°	278.4	267.1	262.8	258.5	251.2	244.9	241.5	240.9	241.5	244.9	251.2
155°	280.1	270.5	266.5	262.5	256.8	251.2	247.7	247.7	247.7	251.2	256.8
157.5°	281.8	273.3	270.2	267.1	262.0	256.8	254.0	254.0	254.0	256.8	262.0
160°	283.0	275.6	273.0	270.5	265.9	262.0	259.7	260.2	259.7	262.0	265.9
162.5°	284.1	277.9	275.9	273.9	270.5	267.1	264.8	265.4	264.8	267.1	270.5
165°	284.1	279.6	277.9	276.2	273.9	271.0	269.3	270.5	269.3	271.0	273.9
167.5°	284.1	280.1	279.0	277.9	276.2	274.5	273.3	273.9	273.3	274.5	276.2
170°	284.1	281.3	280.5	279.6	278.4	277.3	276.7	277.3	276.7	277.3	278.4
172.5°	283.5	281.3	281.0	280.7	280.1	279.0	278.4	279.6	278.4	279.0	280.1
175°	283.0	281.3	281.3	281.3	281.3	280.7	280.1	281.3	280.1	280.7	281.3
177.5°	282.4	281.3	281.3	281.3	281.8	281.3	281.3	282.4	281.3	281.3	281.8
180°	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8

TEST NUMBER: P1027468

CATALOG NUMBER: S125DIP-B1090D610UB40-4F0-XX-W2A-A4

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°	1550.3	1547.6	1541.0	1537.0	1523.6	1507.6	1502.3	1488.9	1494.3	1484.9	1484.9
5°	1509.0	1496.9	1488.9	1476.9	1451.6	1434.2	1415.6	1406.2	1400.9	1394.2	1388.9
7.5°	1455.6	1446.2	1438.2	1415.6	1387.5	1363.5	1340.8	1331.5	1314.2	1302.2	1296.8
10°	1408.9	1395.5	1376.9	1350.2	1320.8	1290.1	1270.1	1250.1	1236.8	1230.1	1215.4
12.5°	1360.9	1344.9	1324.8	1286.1	1254.1	1235.4	1199.4	1180.7	1174.1	1168.7	1151.4
15°	1311.5	1294.2	1270.1	1234.1	1206.1	1162.1	1140.7	1126.0	1110.0	1108.7	1095.4
17.5°	1267.5	1246.1	1226.1	1182.1	1147.4	1108.7	1096.7	1080.7	1066.0	1050.0	1043.3
20°	1211.4	1191.4	1176.7	1128.7	1090.0	1066.0	1046.0	1032.7	1023.3	1007.3	1004.6
22.5°	1160.7	1139.4	1119.4	1083.4	1050.0	1019.3	995.3	980.6	976.6	969.9	957.9
25°	1111.4	1090.0	1066.0	1032.7	998.0	976.6	955.3	945.9	937.9	927.3	917.9
27.5°	1070.0	1050.0	1027.3	986.0	956.6	940.6	917.9	907.2	896.6	891.2	887.2
30°	1020.6	998.0	980.6	948.6	916.6	895.2	879.2	869.9	860.5	855.2	852.5
32.5°	972.6	951.3	939.3	904.6	879.2	853.9	841.9	835.2	829.9	824.5	819.2
35°	933.9	912.6	893.9	861.9	836.5	819.2	809.8	799.2	795.2	789.8	789.8
37.5°	885.9	869.9	851.2	820.5	797.8	784.5	776.5	763.1	761.8	759.1	755.1
40°	844.5	828.5	811.2	784.5	764.5	748.5	737.8	731.1	727.1	724.5	721.8
42.5°	800.5	783.2	775.2	744.5	727.1	711.1	705.8	699.1	697.8	692.4	685.8
45°	757.8	743.1	727.1	704.4	689.8	676.4	668.4	663.1	656.4	655.1	651.1
47.5°	720.5	703.1	688.4	667.1	651.1	640.4	633.7	627.1	621.7	617.7	613.7
50°	672.4	659.1	647.1	624.4	611.1	600.4	591.0	585.7	580.4	580.4	580.4
52.5°	625.7	613.7	603.0	587.0	571.0	561.7	551.0	547.0	544.3	540.3	544.3
55°	580.4	568.4	557.7	545.7	527.0	519.0	508.3	504.3	505.7	505.7	509.7
57.5°	532.3	523.0	516.3	501.7	484.3	476.3	469.6	465.6	465.6	471.0	472.3
60°	485.6	476.3	464.3	451.0	440.3	430.9	426.9	428.3	428.3	430.9	437.6
62.5°	433.6	428.3	421.6	402.9	396.3	389.6	384.2	388.2	386.9	393.6	402.9
65°	385.6	380.2	370.9	361.6	353.6	346.9	345.6	346.9	349.6	356.2	366.9
67.5°	332.2	332.2	324.2	316.2	309.5	302.9	304.2	305.5	308.2	316.2	332.2
70°	288.2	282.8	274.8	269.5	264.2	261.5	258.8	264.2	272.2	277.5	289.5
72.5°	240.2	236.1	229.5	224.1	222.8	220.1	218.8	221.5	229.5	238.8	252.2
75°	189.5	190.8	186.8	182.8	182.8	178.8	181.4	181.4	189.5	198.8	209.5
77.5°	146.8	145.4	144.1	141.4	140.1	140.1	140.1	142.8	150.8	156.1	166.8
80°	104.1	105.4	101.4	102.7	101.4	102.7	102.7	108.1	112.1	118.7	126.7
82.5°	69.4	69.4	66.7	68.0	68.0	68.0	69.4	72.0	77.4	82.7	88.1
85°	38.7	40.0	37.4	40.0	40.0	40.0	41.4	42.7	46.7	48.0	53.4
87.5°	14.7	17.3	17.3	14.7	16.0	17.3	18.7	17.3	20.0	22.7	24.0
90°	4.5	5.1	5.7	6.3	7.4	8.0	9.1	9.7	10.2	10.8	11.4
92.5°	36.4	46.6	56.8	95.5	160.2	230.7	226.7	183.0	123.3	88.6	65.9
95°	42.6	55.4	68.2	129.0	254.0	410.8	503.4	492.6	408.6	322.2	252.3
97.5°	50.6	60.0	69.3	111.4	207.4	376.7	543.8	615.4	585.8	517.1	446.6
100°	60.2	68.8	77.3	110.2	184.1	327.3	513.1	655.2	698.9	671.1	612.5
102.5°	70.5	78.7	86.9	115.3	174.4	289.8	459.1	631.3	737.0	765.4	744.9
105°	81.8	89.8	97.7	122.7	173.3	268.2	412.0	575.0	711.4	789.3	814.3
107.5°	94.3	101.4	108.5	133.0	177.3	256.8	376.7	521.6	659.1	762.0	822.2
110°	106.3	113.6	121.0	144.3	183.5	252.3	353.4	477.3	600.0	708.0	788.1

TEST NUMBER: P1027468

CATALOG NUMBER: S125DIP-B1090D610UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	118.8	125.9	133.0	155.1	191.5	252.3	339.8	444.3	553.4	654.6	735.8
115°	131.3	138.4	145.5	166.5	199.4	254.0	330.7	422.2	515.9	604.0	681.9
117.5°	144.3	151.2	158.0	177.9	208.5	256.8	325.6	407.4	489.8	567.7	635.8
120°	156.3	163.4	170.5	190.4	217.6	261.4	322.2	395.5	469.4	537.5	600.0
122.5°	168.2	175.3	182.4	202.3	227.9	265.4	319.3	385.3	454.0	515.9	569.9
125°	179.0	186.4	193.8	212.5	236.9	269.9	317.1	376.2	439.2	497.2	546.6
127.5°	189.8	197.2	204.6	222.7	245.5	275.0	315.9	367.6	423.9	479.0	525.6
130°	200.0	207.4	214.8	232.4	254.0	279.6	314.8	359.1	409.7	459.7	504.0
132.5°	209.1	216.5	223.9	241.5	261.4	284.7	314.8	352.3	395.5	441.5	480.7
135°	216.5	224.2	231.8	249.4	268.2	289.2	314.8	347.2	383.5	422.8	459.1
137.5°	223.3	231.2	239.2	255.1	273.3	293.8	315.4	342.1	372.8	405.7	437.0
140°	229.6	237.2	244.9	261.4	278.4	296.6	315.9	338.7	364.2	390.9	417.1
142.5°	235.8	242.9	250.0	265.4	281.3	298.3	316.5	335.8	356.8	378.4	400.0
145°	242.1	248.6	255.1	269.9	284.1	299.5	315.9	333.0	350.6	368.2	385.8
147.5°	247.7	253.7	259.7	272.7	285.8	300.0	314.8	330.1	344.3	359.1	373.3
150°	253.4	258.2	263.1	275.6	287.5	300.0	313.1	326.7	339.2	351.7	362.5
152.5°	258.5	262.8	267.1	278.4	288.7	299.5	310.8	322.7	333.5	344.3	354.0
155°	262.5	266.5	270.5	280.1	289.2	298.3	308.0	318.2	327.9	337.0	344.9
157.5°	267.1	270.2	273.3	281.8	289.8	297.2	305.1	314.2	322.2	330.1	336.4
160°	270.5	273.0	275.6	283.0	289.8	295.5	302.3	309.1	316.5	322.2	327.9
162.5°	273.9	275.9	277.9	284.1	289.2	293.8	298.9	304.6	310.2	315.4	319.9
165°	276.2	277.9	279.6	284.1	288.7	292.1	295.5	300.0	304.6	308.5	312.0
167.5°	277.9	279.0	280.1	284.1	287.5	289.2	292.1	295.5	298.9	301.7	304.6
170°	279.6	280.5	281.3	284.1	286.4	287.5	289.2	291.5	294.3	296.0	297.7
172.5°	280.7	281.0	281.3	283.5	285.2	285.2	285.8	287.5	289.2	290.9	292.1
175°	281.3	281.3	281.3	283.0	284.1	283.5	283.5	284.1	285.8	285.8	287.0
177.5°	281.3	281.3	281.3	282.4	283.0	281.8	281.8	282.4	283.0	283.5	283.5
180°	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8

TEST NUMBER: P1027468

CATALOG NUMBER: S125DIP-B1090D610UB40-4F0-XX-W2A-A4

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°	1490.3	1480.9	1479.6	1482.3	1476.9	1484.9	1482.3	1484.9	1478.3	1484.9	1480.9
5°	1387.5	1384.9	1379.5	1372.9	1374.2	1375.5	1382.2	1375.5	1380.9	1382.2	1388.9
7.5°	1291.5	1286.1	1290.1	1287.5	1275.5	1272.8	1275.5	1279.5	1287.5	1292.8	1296.8
10°	1214.1	1211.4	1206.1	1202.1	1195.4	1191.4	1196.8	1191.4	1202.1	1211.4	1211.4
12.5°	1155.4	1144.7	1138.1	1136.7	1122.0	1124.7	1130.0	1134.1	1146.1	1151.4	1151.4
15°	1094.0	1086.0	1083.4	1078.0	1072.7	1078.0	1075.3	1079.3	1084.7	1090.0	1092.7
17.5°	1040.7	1039.3	1040.7	1027.3	1031.3	1024.6	1026.0	1032.7	1028.7	1032.7	1040.7
20°	992.6	995.3	991.3	986.0	986.0	978.0	987.3	984.6	986.0	994.0	1006.0
22.5°	956.6	955.3	951.3	947.3	941.9	943.3	944.6	941.9	952.6	959.3	960.6
25°	917.9	915.2	913.9	909.9	904.6	909.9	908.6	909.9	912.6	923.3	915.2
27.5°	881.9	876.6	879.2	875.2	873.9	875.2	875.2	876.6	879.2	880.6	881.9
30°	851.2	845.9	844.5	841.9	840.5	841.9	844.5	841.9	852.5	851.2	851.2
32.5°	817.9	813.8	811.2	811.2	809.8	808.5	809.8	811.2	819.2	813.8	819.2
35°	785.8	783.2	783.2	780.5	779.2	779.2	779.2	784.5	781.8	785.8	785.8
37.5°	755.1	755.1	753.8	751.1	749.8	751.1	749.8	752.5	751.1	752.5	753.8
40°	723.1	720.5	719.1	719.1	715.1	711.1	715.1	715.1	716.5	720.5	721.8
42.5°	684.4	685.8	685.8	680.4	680.4	680.4	681.8	683.1	683.1	685.8	685.8
45°	651.1	648.4	648.4	648.4	645.7	647.1	649.7	649.7	649.7	649.7	647.1
47.5°	613.7	613.7	615.1	615.1	619.1	617.7	617.7	616.4	613.7	613.7	615.1
50°	579.0	583.0	584.4	584.4	585.7	587.0	587.0	584.4	583.0	579.0	579.0
52.5°	545.7	548.3	551.0	555.0	557.7	556.4	556.4	553.7	548.3	547.0	545.7
55°	509.7	513.7	519.0	523.0	527.0	528.3	528.3	523.0	517.7	511.0	511.0
57.5°	476.3	480.3	489.6	493.6	499.0	499.0	496.3	492.3	484.3	479.0	475.0
60°	442.9	449.6	456.3	464.3	471.0	472.3	468.3	463.0	453.6	446.9	441.6
62.5°	406.9	413.6	426.9	434.9	440.3	440.3	440.3	433.6	421.6	412.3	404.3
65°	372.2	378.9	390.9	401.6	405.6	409.6	405.6	398.9	389.6	378.9	370.9
67.5°	336.2	344.2	356.2	364.2	369.6	373.6	370.9	365.6	353.6	338.9	333.5
70°	296.2	300.2	317.5	325.5	333.5	336.2	333.5	325.5	313.5	297.5	292.2
72.5°	258.8	262.8	278.8	285.5	292.2	294.9	290.9	285.5	274.8	260.2	253.5
75°	216.1	222.8	230.8	241.5	249.5	252.2	248.2	244.2	230.8	221.5	216.1
77.5°	170.8	177.4	188.1	197.5	205.5	204.1	198.8	200.1	185.5	174.8	170.8
80°	129.4	134.8	142.8	150.8	154.8	154.8	153.4	148.1	142.8	134.8	128.1
82.5°	89.4	96.1	102.7	108.1	108.1	109.4	106.7	105.4	100.1	93.4	92.1
85°	53.4	54.7	60.0	60.0	65.4	62.7	61.4	65.4	60.0	56.0	54.7
87.5°	24.0	22.7	24.0	24.0	22.7	25.3	25.3	24.0	25.3	24.0	24.0
90°	12.0	12.5	12.5	12.5	13.1	13.1	13.1	12.5	12.5	12.5	12.0
92.5°	60.5	55.1	46.0	44.3	43.2	42.0	43.2	44.3	46.0	55.1	60.5
95°	228.4	204.6	164.2	147.2	142.6	133.5	142.6	147.2	164.2	204.6	228.4
97.5°	412.5	378.4	344.3	314.8	299.5	292.6	299.5	314.8	344.3	378.4	412.5
100°	583.0	553.4	514.2	473.3	452.3	443.2	452.3	473.3	514.2	553.4	583.0
102.5°	727.3	709.7	667.1	641.0	617.7	611.4	617.7	641.0	667.1	709.7	727.3
105°	811.2	808.0	789.8	771.1	759.7	752.9	759.7	771.1	789.8	808.0	811.2
107.5°	834.7	847.2	852.3	849.5	843.8	838.1	843.8	849.5	852.3	847.2	834.7
110°	812.2	836.4	862.0	872.8	876.8	876.8	876.8	872.8	862.0	836.4	812.2

TEST NUMBER: P1027468

CATALOG NUMBER: S125DIP-B1090D610UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	765.3	794.9	835.3	855.7	867.1	872.2	867.1	855.7	835.3	794.9	765.3
115°	712.8	743.8	788.1	815.4	831.3	838.7	831.3	815.4	788.1	743.8	712.8
117.5°	665.1	694.4	739.3	767.7	783.6	788.1	783.6	767.7	739.3	694.4	665.1
120°	625.0	650.0	692.1	719.4	734.7	739.3	734.7	719.4	692.1	650.0	625.0
122.5°	593.0	616.0	652.3	676.8	692.1	696.1	692.1	676.8	652.3	616.0	593.0
125°	567.0	587.5	619.4	642.7	655.2	660.8	655.2	642.7	619.4	587.5	567.0
127.5°	544.9	564.2	593.2	614.2	626.2	628.5	626.2	614.2	593.2	564.2	544.9
130°	522.4	540.9	569.4	588.1	599.5	602.9	599.5	588.1	569.4	540.9	522.4
132.5°	498.3	515.9	544.4	563.1	573.3	577.3	573.3	563.1	544.4	515.9	498.3
135°	475.3	491.5	516.5	535.3	545.5	548.9	545.5	535.3	516.5	491.5	475.3
137.5°	451.2	465.4	488.1	505.7	515.4	519.4	515.4	505.7	488.1	465.4	451.2
140°	429.0	440.9	462.0	476.7	485.3	488.1	485.3	476.7	462.0	440.9	429.0
142.5°	410.0	419.9	437.0	448.9	456.9	459.1	456.9	448.9	437.0	419.9	410.0
145°	393.5	401.2	414.8	424.5	430.7	433.0	430.7	424.5	414.8	401.2	393.5
147.5°	379.3	385.3	396.6	404.6	408.6	409.7	408.6	404.6	396.6	385.3	379.3
150°	367.6	372.8	381.3	388.1	390.4	390.9	390.4	388.1	381.3	372.8	367.6
152.5°	357.7	361.4	368.2	373.3	375.6	376.2	375.6	373.3	368.2	361.4	357.7
155°	348.0	351.2	356.8	360.8	362.5	363.1	362.5	360.8	356.8	351.2	348.0
157.5°	339.0	341.5	346.0	349.5	351.2	351.2	351.2	349.5	346.0	341.5	339.0
160°	329.8	331.8	335.8	338.7	339.8	339.2	339.8	338.7	335.8	331.8	329.8
162.5°	321.6	323.3	326.2	328.4	328.4	328.4	328.4	328.4	326.2	323.3	321.6
165°	313.4	314.8	317.1	318.2	318.2	318.2	318.2	318.2	317.1	314.8	313.4
167.5°	305.7	306.8	308.0	309.1	308.5	308.5	308.5	309.1	308.0	306.8	305.7
170°	298.3	298.9	300.0	300.6	300.6	300.0	300.6	300.6	300.0	298.9	298.3
172.5°	292.4	292.6	292.6	293.8	292.6	292.1	292.6	293.8	292.6	292.6	292.4
175°	287.0	287.0	287.0	287.5	286.4	285.8	286.4	287.5	287.0	287.0	287.0
177.5°	283.5	283.5	283.0	283.5	281.8	281.8	281.8	283.5	283.0	283.5	283.5
180°	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8

TEST NUMBER: P1027468

CATALOG NUMBER: S125DIP-B1090D610UB40-4F0-XX-W2A-A4

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°	1492.9	1484.9	1494.3	1482.3	1484.9	1499.6	1498.3	1511.6	1519.6	1518.3	1525.0
5°	1394.2	1394.2	1398.2	1396.9	1410.2	1422.2	1438.2	1451.6	1466.3	1474.3	1483.6
7.5°	1296.8	1310.2	1312.8	1319.5	1335.5	1355.5	1371.5	1391.5	1412.9	1427.6	1438.2
10°	1216.8	1227.4	1238.1	1243.5	1260.8	1287.5	1310.2	1342.2	1368.9	1384.9	1399.6
12.5°	1146.1	1158.1	1163.4	1187.4	1199.4	1216.8	1248.8	1283.5	1312.8	1330.2	1342.2
15°	1095.4	1102.0	1114.0	1128.7	1140.7	1162.1	1188.8	1227.4	1255.5	1270.1	1311.5
17.5°	1052.7	1060.7	1067.3	1074.0	1092.7	1115.4	1140.7	1174.1	1210.1	1235.4	1256.8
20°	1008.6	1012.6	1020.6	1031.3	1044.7	1066.0	1088.7	1123.4	1155.4	1175.4	1203.4
22.5°	956.6	968.6	976.6	984.6	999.3	1023.3	1044.7	1070.0	1110.0	1132.7	1162.1
25°	925.9	931.3	936.6	945.9	956.6	978.0	1002.0	1028.7	1060.7	1084.7	1110.0
27.5°	885.9	893.9	900.6	912.6	919.2	936.6	959.3	986.0	1024.6	1044.7	1066.0
30°	852.5	860.5	865.9	871.2	880.6	899.2	920.6	941.9	978.0	1003.3	1024.6
32.5°	819.2	827.2	833.9	837.9	847.2	859.2	876.6	903.2	933.9	951.3	979.3
35°	789.8	789.8	797.8	803.2	811.2	821.9	837.9	857.9	889.9	912.6	937.9
37.5°	756.5	757.8	764.5	768.5	776.5	787.2	803.2	821.9	848.5	865.9	891.2
40°	721.8	725.8	728.5	735.1	744.5	748.5	764.5	785.8	812.5	828.5	849.9
42.5°	687.1	689.8	696.4	701.8	709.8	716.5	727.1	747.1	767.2	791.2	808.5
45°	648.4	655.1	659.1	668.4	672.4	679.1	689.8	705.8	729.8	744.5	764.5
47.5°	615.1	617.7	620.4	632.4	640.4	644.4	655.1	664.4	689.8	703.1	721.8
50°	579.0	579.0	583.0	588.4	597.7	605.7	615.1	625.7	645.7	659.1	677.8
52.5°	545.7	541.7	544.3	547.0	556.4	564.4	573.7	588.4	607.1	615.1	631.1
55°	509.7	503.0	507.0	511.0	513.7	524.3	535.0	544.3	559.0	571.0	585.7
57.5°	471.0	469.6	467.0	468.3	475.0	481.6	489.6	501.7	519.0	528.3	536.3
60°	436.3	428.3	425.6	428.3	432.3	436.3	446.9	457.6	472.3	481.6	491.0
62.5°	400.3	392.2	386.9	382.9	386.9	396.3	402.9	410.9	422.9	433.6	441.6
65°	365.6	353.6	348.2	345.6	344.2	350.9	356.2	366.9	377.6	381.6	390.9
67.5°	326.9	316.2	309.5	305.5	305.5	305.5	310.9	321.5	332.2	333.5	342.9
70°	288.2	276.2	269.5	264.2	261.5	264.2	270.8	272.2	281.5	284.2	289.5
72.5°	246.8	236.1	228.1	221.5	222.8	225.5	225.5	228.1	233.5	240.2	240.2
75°	208.1	193.5	189.5	184.1	181.4	181.4	181.4	186.8	190.8	196.1	194.8
77.5°	164.1	156.1	148.1	145.4	141.4	140.1	142.8	142.8	145.4	149.4	150.8
80°	126.7	117.4	112.1	109.4	104.1	102.7	104.1	104.1	108.1	106.7	108.1
82.5°	88.1	81.4	77.4	73.4	70.7	72.0	70.7	70.7	72.0	70.7	70.7
85°	50.7	49.4	46.7	45.4	44.0	41.4	44.0	42.7	41.4	40.0	42.7
87.5°	24.0	22.7	22.7	20.0	20.0	18.7	20.0	20.0	18.7	18.7	18.7
90°	11.4	10.8	10.2	9.7	9.1	8.0	7.4	6.3	5.7	5.1	4.5
92.5°	65.9	88.6	123.3	183.0	226.7	230.7	160.2	95.5	56.8	46.6	36.4
95°	252.3	322.2	408.6	492.6	503.4	410.8	254.0	129.0	68.2	55.4	42.6
97.5°	446.6	517.1	585.8	615.4	543.8	376.7	207.4	111.4	69.3	60.0	50.6
100°	612.5	671.1	698.9	655.2	513.1	327.3	184.1	110.2	77.3	68.8	60.2
102.5°	744.9	765.4	737.0	631.3	459.1	289.8	174.4	115.3	86.9	78.7	70.5
105°	814.3	789.3	711.4	575.0	412.0	268.2	173.3	122.7	97.7	89.8	81.8
107.5°	822.2	762.0	659.1	521.6	376.7	256.8	177.3	133.0	108.5	101.4	94.3
110°	788.1	708.0	600.0	477.3	353.4	252.3	183.5	144.3	121.0	113.6	106.3

TEST NUMBER: P1027468

CATALOG NUMBER: S125DIP-B1090D610UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	735.8	654.6	553.4	444.3	339.8	252.3	191.5	155.1	133.0	125.9	118.8
115°	681.9	604.0	515.9	422.2	330.7	254.0	199.4	166.5	145.5	138.4	131.3
117.5°	635.8	567.7	489.8	407.4	325.6	256.8	208.5	177.9	158.0	151.2	144.3
120°	600.0	537.5	469.4	395.5	322.2	261.4	217.6	190.4	170.5	163.4	156.3
122.5°	569.9	515.9	454.0	385.3	319.3	265.4	227.9	202.3	182.4	175.3	168.2
125°	546.6	497.2	439.2	376.2	317.1	269.9	236.9	212.5	193.8	186.4	179.0
127.5°	525.6	479.0	423.9	367.6	315.9	275.0	245.5	222.7	204.6	197.2	189.8
130°	504.0	459.7	409.7	359.1	314.8	279.6	254.0	232.4	214.8	207.4	200.0
132.5°	480.7	441.5	395.5	352.3	314.8	284.7	261.4	241.5	223.9	216.5	209.1
135°	459.1	422.8	383.5	347.2	314.8	289.2	268.2	249.4	231.8	224.2	216.5
137.5°	437.0	405.7	372.8	342.1	315.4	293.8	273.3	255.1	239.2	231.2	223.3
140°	417.1	390.9	364.2	338.7	315.9	296.6	278.4	261.4	244.9	237.2	229.6
142.5°	400.0	378.4	356.8	335.8	316.5	298.3	281.3	265.4	250.0	242.9	235.8
145°	385.8	368.2	350.6	333.0	315.9	299.5	284.1	269.9	255.1	248.6	242.1
147.5°	373.3	359.1	344.3	330.1	314.8	300.0	285.8	272.7	259.7	253.7	247.7
150°	362.5	351.7	339.2	326.7	313.1	300.0	287.5	275.6	263.1	258.2	253.4
152.5°	354.0	344.3	333.5	322.7	310.8	299.5	288.7	278.4	267.1	262.8	258.5
155°	344.9	337.0	327.9	318.2	308.0	298.3	289.2	280.1	270.5	266.5	262.5
157.5°	336.4	330.1	322.2	314.2	305.1	297.2	289.8	281.8	273.3	270.2	267.1
160°	327.9	322.2	316.5	309.1	302.3	295.5	289.8	283.0	275.6	273.0	270.5
162.5°	319.9	315.4	310.2	304.6	298.9	293.8	289.2	284.1	277.9	275.9	273.9
165°	312.0	308.5	304.6	300.0	295.5	292.1	288.7	284.1	279.6	277.9	276.2
167.5°	304.6	301.7	298.9	295.5	292.1	289.2	287.5	284.1	280.1	279.0	277.9
170°	297.7	296.0	294.3	291.5	289.2	287.5	286.4	284.1	281.3	280.5	279.6
172.5°	292.1	290.9	289.2	287.5	285.8	285.2	285.2	283.5	281.3	281.0	280.7
175°	287.0	285.8	285.8	284.1	283.5	283.5	284.1	283.0	281.3	281.3	281.3
177.5°	283.5	283.5	283.0	282.4	281.8	281.8	283.0	282.4	281.3	281.3	281.3
180°	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8

TEST NUMBER: P1027468

CATALOG NUMBER: S125DIP-B1090D610UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1571.7	1571.7	1571.7	1571.7
2.5°	1534.3	1547.6	1557.0	1574.3
5°	1499.6	1523.6	1546.3	1570.3
7.5°	1464.9	1492.9	1529.0	1559.7
10°	1426.2	1462.3	1505.0	1546.3
12.5°	1387.5	1430.2	1476.9	1531.6
15°	1340.8	1395.5	1450.3	1509.0
17.5°	1299.5	1355.5	1414.2	1487.6
20°	1252.8	1314.2	1378.2	1452.9
22.5°	1211.4	1279.5	1346.2	1424.9
25°	1164.7	1231.4	1304.8	1388.9
27.5°	1126.0	1187.4	1259.5	1350.2
30°	1079.3	1146.1	1218.1	1308.8
32.5°	1035.3	1099.4	1175.4	1264.8
35°	990.0	1055.3	1123.4	1208.8
37.5°	947.3	1003.3	1071.3	1152.7
40°	899.2	960.6	1022.0	1086.0
42.5°	855.2	911.2	968.6	1019.3
45°	805.8	853.9	908.6	949.9
47.5°	760.5	803.2	845.9	877.9
50°	715.1	748.5	780.5	808.5
52.5°	661.8	699.1	716.5	733.8
55°	613.7	635.1	651.1	668.4
57.5°	567.0	576.4	584.4	600.4
60°	505.7	516.3	525.7	537.7
62.5°	452.3	457.6	460.3	472.3
65°	401.6	400.3	406.9	413.6
67.5°	346.9	345.6	352.2	354.9
70°	293.5	292.2	293.5	300.2
72.5°	242.8	242.8	244.2	246.8
75°	196.1	196.1	197.5	200.1
77.5°	148.1	150.8	149.4	154.8
80°	108.1	105.4	108.1	110.7
82.5°	70.7	73.4	73.4	70.7
85°	40.0	40.0	40.0	40.0
87.5°	17.3	17.3	18.7	20.0
90°	3.4	2.3	1.1	0.6
92.5°	24.4	15.9	10.2	8.5
95°	30.1	23.9	19.3	18.8
97.5°	39.2	33.0	29.5	29.0
100°	49.4	43.2	40.9	39.8
102.5°	60.8	54.0	52.3	51.7
105°	72.7	67.1	64.2	64.2
107.5°	84.7	80.1	77.3	76.1
110°	97.7	92.6	90.3	89.2



TEST NUMBER: P1027468

CATALOG NUMBER: S125DIP-B1090D610UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	110.2	105.1	103.4	102.3
115°	122.7	117.6	115.9	114.8
117.5°	134.7	129.6	127.8	126.1
120°	146.6	141.5	139.2	137.5
122.5°	157.4	152.3	150.6	149.4
125°	168.2	163.1	160.2	159.1
127.5°	178.4	172.2	168.8	167.1
130°	188.1	180.7	176.1	174.4
132.5°	196.6	188.1	182.4	180.1
135°	204.6	195.5	188.6	186.4
137.5°	211.4	202.3	196.0	194.3
140°	218.8	209.7	202.9	201.2
142.5°	225.6	216.5	210.2	209.1
145°	231.8	223.9	218.2	217.1
147.5°	238.7	231.3	226.2	225.6
150°	245.5	238.1	234.1	233.0
152.5°	251.2	244.9	241.5	240.9
155°	256.8	251.2	247.7	247.7
157.5°	262.0	256.8	254.0	254.0
160°	265.9	262.0	259.7	260.2
162.5°	270.5	267.1	264.8	265.4
165°	273.9	271.0	269.3	270.5
167.5°	276.2	274.5	273.3	273.9
170°	278.4	277.3	276.7	277.3
172.5°	280.1	279.0	278.4	279.6
175°	281.3	280.7	280.1	281.3
177.5°	281.8	281.3	281.3	282.4
180°	281.8	281.8	281.8	281.8

(END OF REPORT)