

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: P1027084

Luminaire Tested: S125RDIP-B1090D610UB2750-4F0-XX-W2A-A_2700K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1027084
REPORT IS A COMBINATION OF REPORTS P1005045 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125RDIP-B1090D610UB2750-4F0-XX-W2A-A_2700K
Description: Define 5 Regressed Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473}
{m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

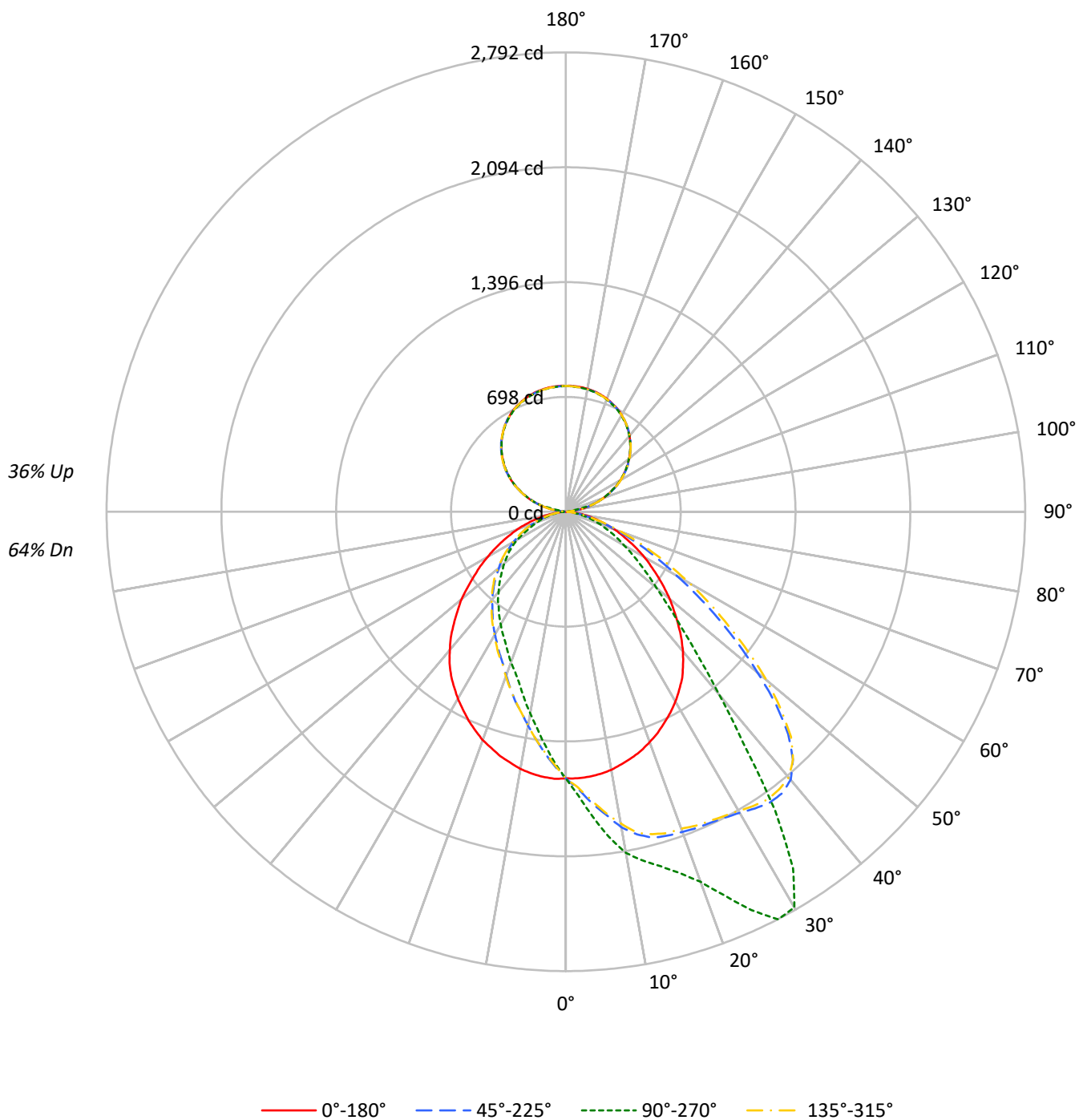
Lumens per Lamp: N/A
Luminaire Lumens: 6548.0 lumens
Efficiency: N/A
Efficacy: 105.3 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 62.2
Input Voltage (V): 120
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	111	111	111	111	104	104	104	104	91	91	91	80	80	80	69	69	69
1	102	97	94	90	95	92	88	85	81	78	76	71	69	68	62	61	60
2	93	86	80	75	87	81	75	71	72	67	64	63	60	57	55	53	51
3	85	76	68	63	80	71	65	60	64	58	54	56	52	49	49	46	44
4	78	67	59	53	73	64	57	51	57	51	47	50	46	42	44	41	38
5	72	60	52	46	67	57	50	44	51	45	41	45	41	37	40	36	33
6	66	54	46	40	62	51	44	39	46	40	36	41	36	33	36	33	30
7	61	49	41	36	58	47	39	34	42	36	32	38	33	29	33	29	26
8	57	45	37	32	54	43	35	30	38	32	28	34	30	26	31	27	24
9	53	41	33	28	50	39	32	27	35	29	25	32	27	23	28	24	21
10	50	38	30	25	47	36	29	25	32	27	23	29	25	21	26	22	20

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	2.4
10°-20°	455.5	7.0
20°-30°	722.3	11.0
30°-40°	872.8	13.3
40°-50°	777.1	11.9
50°-60°	595.9	9.1
60°-70°	387.0	5.9
70°-80°	187.8	2.9
80°-90°	45.3	0.7
90°-100°	26.0	0.4
100°-110°	172.6	2.6
110°-120°	310.8	4.7
120°-130°	398.9	6.1
130°-140°	429.0	6.6
140°-150°	402.7	6.1
150°-160°	325.7	5.0
160°-170°	210.6	3.2
170°-180°	72.6	1.1
0°-30°	1333.2	20.4
0°-40°	2206.0	33.7
0°-60°	3579.0	54.7
0°-90°	4199.1	64.1
90°-120°	509.3	7.8
90°-150°	1739.8	26.6
90°-180°	2349.0	35.9
0°-180°	6548.0	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	5
95°	32	12	32	12	32	40
105°	167	168	167	168	167	177
115°	313	311	313	311	313	310
125°	445	445	445	445	445	397
135°	555	553	555	553	555	428
145°	643	642	643	642	643	402
155°	708	703	708	703	708	326
165°	748	744	748	744	748	211
175°	765	761	765	761	765	73
180°	765	765	765	765	765	

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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°	10.8	9.7	8.5	7.4	6.3	5.7	6.1	6.8	7.6	8.3	9.1
95°	32.3	31.9	31.5	31.2	30.8	30.6	28.2	23.4	18.7	13.9	9.1
97.5°	60.7	61.5	62.2	63.0	63.7	64.1	58.1	46.1	34.2	22.2	10.2
100°	94.7	95.1	95.5	95.8	96.2	96.4	96.6	97.1	97.6	98.1	98.6
102.5°	129.2	129.7	130.2	130.7	131.2	131.5	131.6	131.9	132.1	132.4	132.6
105°	166.6	167.1	167.6	168.1	168.6	168.9	168.9	168.9	168.9	168.9	168.9
107.5°	205.2	205.2	205.2	205.2	205.2	205.2	205.3	205.6	205.8	206.1	206.3
110°	242.6	242.6	242.6	242.6	242.6	242.6	242.7	243.0	243.2	243.5	243.7

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	277.7	278.1	278.5	278.8	279.2	279.4	279.5	279.6	279.7	279.9	280.0
115°	312.9	313.5	314.1	314.8	315.4	315.7	315.8	315.9	316.0	316.2	316.3
117.5°	349.7	349.7	349.7	349.7	349.7	349.7	350.0	350.5	351.0	351.5	352.0
120°	383.7	383.6	383.5	383.4	383.3	383.2	383.4	383.8	384.1	384.5	384.9
122.5°	413.8	414.4	415.0	415.7	416.3	416.6	416.7	416.8	416.9	417.1	417.2
125°	445.0	445.9	446.7	447.6	448.5	448.9	448.9	448.9	448.9	448.9	448.9
127.5°	475.0	475.6	476.2	476.9	477.5	477.8	477.7	477.6	477.5	477.4	477.3
130°	502.2	502.8	503.4	504.1	504.7	505.0	505.1	505.2	505.3	505.5	505.6
132.5°	529.4	530.2	530.9	531.7	532.4	532.8	532.6	532.2	531.9	531.5	531.1
135°	554.9	555.7	556.4	557.2	557.9	558.3	558.2	557.9	557.7	557.4	557.2
137.5°	578.7	579.5	580.2	581.0	581.7	582.1	582.0	581.7	581.5	581.2	581.0
140°	602.0	602.2	602.5	602.7	603.0	603.1	603.0	602.9	602.8	602.6	602.5
142.5°	622.9	623.0	623.2	623.3	623.4	623.5	623.6	623.9	624.1	624.4	624.6
145°	643.4	643.6	643.9	644.1	644.4	644.5	644.5	644.5	644.5	644.5	644.5
147.5°	661.5	661.5	661.5	661.5	661.5	661.5	661.6	661.7	661.8	662.0	662.1
150°	678.5	678.3	678.0	677.8	677.5	677.4	677.5	677.8	678.0	678.3	678.5
152.5°	694.9	694.3	693.7	693.0	692.4	692.1	692.2	692.5	692.7	693.0	693.2
155°	708.5	707.7	707.0	706.2	705.5	705.1	705.2	705.5	705.8	706.0	706.3
157.5°	719.3	718.9	718.5	718.2	717.8	717.6	717.6	717.6	717.6	717.6	717.6
160°	730.6	729.8	729.1	728.3	727.6	727.2	727.3	727.4	727.5	727.7	727.8
162.5°	739.7	738.9	738.2	737.4	736.7	736.3	736.4	736.5	736.6	736.8	736.9
165°	747.7	746.9	746.2	745.4	744.7	744.3	744.4	744.5	744.6	744.7	744.8
167.5°	753.9	753.1	752.4	751.6	750.9	750.5	750.6	750.7	750.8	751.0	751.1
170°	759.0	758.1	757.2	756.3	755.4	755.0	755.1	755.2	755.3	755.5	755.6
172.5°	762.4	761.5	760.6	759.7	758.8	758.4	758.5	758.8	759.1	759.3	759.6
175°	764.7	763.9	763.2	762.4	761.7	761.3	761.4	761.5	761.6	761.7	761.8
177.5°	766.4	765.6	764.9	764.1	763.4	763.0	763.1	763.2	763.3	763.4	763.5
180°	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7

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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°	9.7	10.3	11.0	11.6	11.9	12.0	12.1	12.2	12.4	12.5	12.4
95°	9.7	10.3	11.0	11.6	11.9	11.9	11.9	11.9	11.9	11.9	11.9
97.5°	10.4	10.7	10.9	11.2	11.3	11.4	11.5	11.6	11.8	11.9	11.8
100°	79.8	61.1	42.3	23.6	14.2	13.9	13.4	12.9	12.4	11.9	12.4
102.5°	132.9	133.1	133.4	133.7	133.8	128.5	117.9	107.4	96.8	86.2	96.8
105°	168.9	168.9	168.9	168.9	168.9	168.8	168.7	168.6	168.4	168.3	168.4
107.5°	206.4	206.6	206.7	206.8	206.9	206.6	206.1	205.6	205.1	204.6	205.1
110°	243.3	242.9	242.6	242.2	242.0	242.1	242.2	242.3	242.5	242.6	242.5

TEST NUMBER: P1027084

CATALOG NUMBER: S125RDIP-B1090D610UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	279.5	279.0	278.5	278.0	277.7	277.6	277.3	277.1	276.8	276.6	276.8
115°	315.8	315.3	314.8	314.3	314.0	313.6	312.9	312.1	311.4	310.6	311.4
117.5°	351.2	350.5	349.7	349.0	348.6	348.5	348.2	348.0	347.7	347.5	347.7
120°	384.6	384.4	384.1	383.8	383.7	383.4	382.8	382.1	381.5	380.9	381.5
122.5°	417.0	416.7	416.5	416.2	416.1	415.7	415.0	414.2	413.5	412.7	413.5
125°	448.4	447.9	447.4	446.9	446.7	446.5	446.1	445.8	445.4	445.0	445.4
127.5°	477.0	476.8	476.5	476.2	476.1	475.6	474.6	473.6	472.6	471.6	472.6
130°	505.2	504.8	504.5	504.1	503.9	503.6	503.0	502.3	501.7	501.1	501.7
132.5°	531.1	531.1	531.1	531.1	531.1	530.8	530.2	529.5	528.9	528.3	528.9
135°	557.0	556.7	556.5	556.2	556.1	555.7	555.0	554.2	553.5	552.7	553.5
137.5°	581.0	581.0	581.0	581.0	581.0	580.7	580.1	579.4	578.8	578.2	578.8
140°	602.8	603.0	603.3	603.6	603.7	603.3	602.6	601.8	601.1	600.3	601.1
142.5°	624.6	624.6	624.6	624.6	624.6	624.2	623.5	622.7	622.0	621.2	622.0
145°	644.6	644.8	644.9	645.0	645.1	644.7	644.0	643.2	642.5	641.7	642.5
147.5°	662.2	662.3	662.4	662.5	662.6	662.2	661.3	660.4	659.6	658.7	659.6
150°	678.7	679.0	679.2	679.5	679.6	679.1	678.1	677.1	676.1	675.1	676.1
152.5°	693.5	693.7	694.0	694.3	694.4	694.0	693.1	692.2	691.3	690.4	691.3
155°	706.7	707.1	707.4	707.8	708.0	707.5	706.5	705.4	704.4	703.4	704.4
157.5°	718.0	718.4	718.7	719.1	719.3	718.8	717.8	716.8	715.8	714.8	715.8
160°	728.3	728.8	729.3	729.8	730.1	729.6	728.6	727.5	726.5	725.5	726.5
162.5°	737.7	738.4	739.2	739.9	740.3	739.7	738.6	737.5	736.3	735.2	736.3
165°	745.6	746.3	747.1	747.8	748.2	747.7	746.7	745.7	744.7	743.7	744.7
167.5°	752.0	752.8	753.7	754.6	755.0	754.4	753.3	752.2	751.0	749.9	751.0
170°	756.6	757.6	758.6	759.6	760.1	759.5	758.4	757.3	756.1	755.0	756.1
172.5°	760.5	761.3	762.2	763.1	763.5	762.9	761.8	760.7	759.5	758.4	759.5
175°	762.8	763.8	764.9	765.9	766.4	765.8	764.7	763.6	762.4	761.3	762.4
177.5°	764.4	765.3	766.2	767.1	767.5	767.0	766.0	765.0	764.0	763.0	764.0
180°	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7

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CATALOG NUMBER: S125RDIP-B1090D610UB2750-4F0-XX-W2A-A_2700K

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°	12.2	12.1	12.0	11.9	11.6	11.0	10.3	9.7	9.1	8.3	7.6
95°	11.9	11.9	11.9	11.9	11.6	11.0	10.3	9.7	9.1	13.9	18.7
97.5°	11.6	11.5	11.4	11.3	11.2	10.9	10.7	10.4	10.2	22.2	34.2
100°	12.9	13.4	13.9	14.2	23.6	42.3	61.1	79.8	98.6	98.1	97.6
102.5°	107.4	117.9	128.5	133.8	133.7	133.4	133.1	132.9	132.6	132.4	132.1
105°	168.6	168.7	168.8	168.9	168.9	168.9	168.9	168.9	168.9	168.9	168.9
107.5°	205.6	206.1	206.6	206.9	206.8	206.7	206.6	206.4	206.3	206.1	205.8
110°	242.3	242.2	242.1	242.0	242.2	242.6	242.9	243.3	243.7	243.5	243.2

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CATALOG NUMBER: S125RDIP-B1090D610UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	277.1	277.3	277.6	277.7	278.0	278.5	279.0	279.5	280.0	279.9	279.7
115°	312.1	312.9	313.6	314.0	314.3	314.8	315.3	315.8	316.3	316.2	316.0
117.5°	348.0	348.2	348.5	348.6	349.0	349.7	350.5	351.2	352.0	351.5	351.0
120°	382.1	382.8	383.4	383.7	383.8	384.1	384.4	384.6	384.9	384.5	384.1
122.5°	414.2	415.0	415.7	416.1	416.2	416.5	416.7	417.0	417.2	417.1	416.9
125°	445.8	446.1	446.5	446.7	446.9	447.4	447.9	448.4	448.9	448.9	448.9
127.5°	473.6	474.6	475.6	476.1	476.2	476.5	476.8	477.0	477.3	477.4	477.5
130°	502.3	503.0	503.6	503.9	504.1	504.5	504.8	505.2	505.6	505.5	505.3
132.5°	529.5	530.2	530.8	531.1	531.1	531.1	531.1	531.1	531.1	531.5	531.9
135°	554.2	555.0	555.7	556.1	556.2	556.5	556.7	557.0	557.2	557.4	557.7
137.5°	579.4	580.1	580.7	581.0	581.0	581.0	581.0	581.0	581.0	581.2	581.5
140°	601.8	602.6	603.3	603.7	603.6	603.3	603.0	602.8	602.5	602.6	602.8
142.5°	622.7	623.5	624.2	624.6	624.6	624.6	624.6	624.6	624.6	624.4	624.1
145°	643.2	644.0	644.7	645.1	645.0	644.9	644.8	644.6	644.5	644.5	644.5
147.5°	660.4	661.3	662.2	662.6	662.5	662.4	662.3	662.2	662.1	662.0	661.8
150°	677.1	678.1	679.1	679.6	679.5	679.2	679.0	678.7	678.5	678.3	678.0
152.5°	692.2	693.1	694.0	694.4	694.3	694.0	693.7	693.5	693.2	693.0	692.7
155°	705.4	706.5	707.5	708.0	707.8	707.4	707.1	706.7	706.3	706.0	705.8
157.5°	716.8	717.8	718.8	719.3	719.1	718.7	718.4	718.0	717.6	717.6	717.6
160°	727.5	728.6	729.6	730.1	729.8	729.3	728.8	728.3	727.8	727.7	727.5
162.5°	737.5	738.6	739.7	740.3	739.9	739.2	738.4	737.7	736.9	736.8	736.6
165°	745.7	746.7	747.7	748.2	747.8	747.1	746.3	745.6	744.8	744.7	744.6
167.5°	752.2	753.3	754.4	755.0	754.6	753.7	752.8	752.0	751.1	751.0	750.8
170°	757.3	758.4	759.5	760.1	759.6	758.6	757.6	756.6	755.6	755.5	755.3
172.5°	760.7	761.8	762.9	763.5	763.1	762.2	761.3	760.5	759.6	759.3	759.1
175°	763.6	764.7	765.8	766.4	765.9	764.9	763.8	762.8	761.8	761.7	761.6
177.5°	765.0	766.0	767.0	767.5	767.1	766.2	765.3	764.4	763.5	763.4	763.3
180°	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7

TEST NUMBER: P1027084

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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°	6.8	6.1	5.7	6.3	7.4	8.5	9.7	10.8	9.7	8.5	7.4
95°	23.4	28.2	30.6	30.8	31.2	31.5	31.9	32.3	31.9	31.5	31.2
97.5°	46.1	58.1	64.1	63.7	63.0	62.2	61.5	60.7	61.5	62.2	63.0
100°	97.1	96.6	96.4	96.2	95.8	95.5	95.1	94.7	95.1	95.5	95.8
102.5°	131.9	131.6	131.5	131.2	130.7	130.2	129.7	129.2	129.7	130.2	130.7
105°	168.9	168.9	168.9	168.6	168.1	167.6	167.1	166.6	167.1	167.6	168.1
107.5°	205.6	205.3	205.2	205.2	205.2	205.2	205.2	205.2	205.2	205.2	205.2
110°	243.0	242.7	242.6	242.6	242.6	242.6	242.6	242.6	242.6	242.6	242.6

TEST NUMBER: P1027084

CATALOG NUMBER: S125RDIP-B1090D610UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	279.6	279.5	279.4	279.2	278.8	278.5	278.1	277.7	278.1	278.5	278.8
115°	315.9	315.8	315.7	315.4	314.8	314.1	313.5	312.9	313.5	314.1	314.8
117.5°	350.5	350.0	349.7	349.7	349.7	349.7	349.7	349.7	349.7	349.7	349.7
120°	383.8	383.4	383.2	383.3	383.4	383.5	383.6	383.7	383.6	383.5	383.4
122.5°	416.8	416.7	416.6	416.3	415.7	415.0	414.4	413.8	414.4	415.0	415.7
125°	448.9	448.9	448.9	448.5	447.6	446.7	445.9	445.0	445.9	446.7	447.6
127.5°	477.6	477.7	477.8	477.5	476.9	476.2	475.6	475.0	475.6	476.2	476.9
130°	505.2	505.1	505.0	504.7	504.1	503.4	502.8	502.2	502.8	503.4	504.1
132.5°	532.2	532.6	532.8	532.4	531.7	530.9	530.2	529.4	530.2	530.9	531.7
135°	557.9	558.2	558.3	557.9	557.2	556.4	555.7	554.9	555.7	556.4	557.2
137.5°	581.7	582.0	582.1	581.7	581.0	580.2	579.5	578.7	579.5	580.2	581.0
140°	602.9	603.0	603.1	603.0	602.7	602.5	602.2	602.0	602.2	602.5	602.7
142.5°	623.9	623.6	623.5	623.4	623.3	623.2	623.0	622.9	623.0	623.2	623.3
145°	644.5	644.5	644.5	644.4	644.1	643.9	643.6	643.4	643.6	643.9	644.1
147.5°	661.7	661.6	661.5	661.5	661.5	661.5	661.5	661.5	661.5	661.5	661.5
150°	677.8	677.5	677.4	677.5	677.8	678.0	678.3	678.5	678.3	678.0	677.8
152.5°	692.5	692.2	692.1	692.4	693.0	693.7	694.3	694.9	694.3	693.7	693.0
155°	705.5	705.2	705.1	705.5	706.2	707.0	707.7	708.5	707.7	707.0	706.2
157.5°	717.6	717.6	717.6	717.8	718.2	718.5	718.9	719.3	718.9	718.5	718.2
160°	727.4	727.3	727.2	727.6	728.3	729.1	729.8	730.6	729.8	729.1	728.3
162.5°	736.5	736.4	736.3	736.7	737.4	738.2	738.9	739.7	738.9	738.2	737.4
165°	744.5	744.4	744.3	744.7	745.4	746.2	746.9	747.7	746.9	746.2	745.4
167.5°	750.7	750.6	750.5	750.9	751.6	752.4	753.1	753.9	753.1	752.4	751.6
170°	755.2	755.1	755.0	755.4	756.3	757.2	758.1	759.0	758.1	757.2	756.3
172.5°	758.8	758.5	758.4	758.8	759.7	760.6	761.5	762.4	761.5	760.6	759.7
175°	761.5	761.4	761.3	761.7	762.4	763.2	763.9	764.7	763.9	763.2	762.4
177.5°	763.2	763.1	763.0	763.4	764.1	764.9	765.6	766.4	765.6	764.9	764.1
180°	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7

TEST NUMBER: P1027084

CATALOG NUMBER: S125RDIP-B1090D610UB2750-4F0-XX-W2A-A_2700K

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°	6.3	5.7	6.1	6.8	7.6	8.3	9.1	9.7	10.3	11.0	11.6
95°	30.8	30.6	28.2	23.4	18.7	13.9	9.1	9.7	10.3	11.0	11.6
97.5°	63.7	64.1	58.1	46.1	34.2	22.2	10.2	10.4	10.7	10.9	11.2
100°	96.2	96.4	96.6	97.1	97.6	98.1	98.6	79.8	61.1	42.3	23.6
102.5°	131.2	131.5	131.6	131.9	132.1	132.4	132.6	132.9	133.1	133.4	133.7
105°	168.6	168.9	168.9	168.9	168.9	168.9	168.9	168.9	168.9	168.9	168.9
107.5°	205.2	205.2	205.3	205.6	205.8	206.1	206.3	206.4	206.6	206.7	206.8
110°	242.6	242.6	242.7	243.0	243.2	243.5	243.7	243.3	242.9	242.6	242.2

TEST NUMBER: P1027084

CATALOG NUMBER: S125RDIP-B1090D610UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	279.2	279.4	279.5	279.6	279.7	279.9	280.0	279.5	279.0	278.5	278.0
115°	315.4	315.7	315.8	315.9	316.0	316.2	316.3	315.8	315.3	314.8	314.3
117.5°	349.7	349.7	350.0	350.5	351.0	351.5	352.0	351.2	350.5	349.7	349.0
120°	383.3	383.2	383.4	383.8	384.1	384.5	384.9	384.6	384.4	384.1	383.8
122.5°	416.3	416.6	416.7	416.8	416.9	417.1	417.2	417.0	416.7	416.5	416.2
125°	448.5	448.9	448.9	448.9	448.9	448.9	448.9	448.4	447.9	447.4	446.9
127.5°	477.5	477.8	477.7	477.6	477.5	477.4	477.3	477.0	476.8	476.5	476.2
130°	504.7	505.0	505.1	505.2	505.3	505.5	505.6	505.2	504.8	504.5	504.1
132.5°	532.4	532.8	532.6	532.2	531.9	531.5	531.1	531.1	531.1	531.1	531.1
135°	557.9	558.3	558.2	557.9	557.7	557.4	557.2	557.0	556.7	556.5	556.2
137.5°	581.7	582.1	582.0	581.7	581.5	581.2	581.0	581.0	581.0	581.0	581.0
140°	603.0	603.1	603.0	602.9	602.8	602.6	602.5	602.8	603.0	603.3	603.6
142.5°	623.4	623.5	623.6	623.9	624.1	624.4	624.6	624.6	624.6	624.6	624.6
145°	644.4	644.5	644.5	644.5	644.5	644.5	644.5	644.6	644.8	644.9	645.0
147.5°	661.5	661.5	661.6	661.7	661.8	662.0	662.1	662.2	662.3	662.4	662.5
150°	677.5	677.4	677.5	677.8	678.0	678.3	678.5	678.7	679.0	679.2	679.5
152.5°	692.4	692.1	692.2	692.5	692.7	693.0	693.2	693.5	693.7	694.0	694.3
155°	705.5	705.1	705.2	705.5	705.8	706.0	706.3	706.7	707.1	707.4	707.8
157.5°	717.8	717.6	717.6	717.6	717.6	717.6	717.6	718.0	718.4	718.7	719.1
160°	727.6	727.2	727.3	727.4	727.5	727.7	727.8	728.3	728.8	729.3	729.8
162.5°	736.7	736.3	736.4	736.5	736.6	736.8	736.9	737.7	738.4	739.2	739.9
165°	744.7	744.3	744.4	744.5	744.6	744.7	744.8	745.6	746.3	747.1	747.8
167.5°	750.9	750.5	750.6	750.7	750.8	751.0	751.1	752.0	752.8	753.7	754.6
170°	755.4	755.0	755.1	755.2	755.3	755.5	755.6	756.6	757.6	758.6	759.6
172.5°	758.8	758.4	758.5	758.8	759.1	759.3	759.6	760.5	761.3	762.2	763.1
175°	761.7	761.3	761.4	761.5	761.6	761.7	761.8	762.8	763.8	764.9	765.9
177.5°	763.4	763.0	763.1	763.2	763.3	763.4	763.5	764.4	765.3	766.2	767.1
180°	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7

TEST NUMBER: P1027084

CATALOG NUMBER: S125RDIP-B1090D610UB2750-4F0-XX-W2A-A_2700K

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°	11.9	12.0	12.1	12.2	12.4	12.5	12.4	12.2	12.1	12.0	11.9
95°	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
97.5°	11.3	11.4	11.5	11.6	11.8	11.9	11.8	11.6	11.5	11.4	11.3
100°	14.2	13.9	13.4	12.9	12.4	11.9	12.4	12.9	13.4	13.9	14.2
102.5°	133.8	128.5	117.9	107.4	96.8	86.2	96.8	107.4	117.9	128.5	133.8
105°	168.9	168.8	168.7	168.6	168.4	168.3	168.4	168.6	168.7	168.8	168.9
107.5°	206.9	206.6	206.1	205.6	205.1	204.6	205.1	205.6	206.1	206.6	206.9
110°	242.0	242.1	242.2	242.3	242.5	242.6	242.5	242.3	242.2	242.1	242.0

TEST NUMBER: P1027084

CATALOG NUMBER: S125RDIP-B1090D610UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	277.7	277.6	277.3	277.1	276.8	276.6	276.8	277.1	277.3	277.6	277.7
115°	314.0	313.6	312.9	312.1	311.4	310.6	311.4	312.1	312.9	313.6	314.0
117.5°	348.6	348.5	348.2	348.0	347.7	347.5	347.7	348.0	348.2	348.5	348.6
120°	383.7	383.4	382.8	382.1	381.5	380.9	381.5	382.1	382.8	383.4	383.7
122.5°	416.1	415.7	415.0	414.2	413.5	412.7	413.5	414.2	415.0	415.7	416.1
125°	446.7	446.5	446.1	445.8	445.4	445.0	445.4	445.8	446.1	446.5	446.7
127.5°	476.1	475.6	474.6	473.6	472.6	471.6	472.6	473.6	474.6	475.6	476.1
130°	503.9	503.6	503.0	502.3	501.7	501.1	501.7	502.3	503.0	503.6	503.9
132.5°	531.1	530.8	530.2	529.5	528.9	528.3	528.9	529.5	530.2	530.8	531.1
135°	556.1	555.7	555.0	554.2	553.5	552.7	553.5	554.2	555.0	555.7	556.1
137.5°	581.0	580.7	580.1	579.4	578.8	578.2	578.8	579.4	580.1	580.7	581.0
140°	603.7	603.3	602.6	601.8	601.1	600.3	601.1	601.8	602.6	603.3	603.7
142.5°	624.6	624.2	623.5	622.7	622.0	621.2	622.0	622.7	623.5	624.2	624.6
145°	645.1	644.7	644.0	643.2	642.5	641.7	642.5	643.2	644.0	644.7	645.1
147.5°	662.6	662.2	661.3	660.4	659.6	658.7	659.6	660.4	661.3	662.2	662.6
150°	679.6	679.1	678.1	677.1	676.1	675.1	676.1	677.1	678.1	679.1	679.6
152.5°	694.4	694.0	693.1	692.2	691.3	690.4	691.3	692.2	693.1	694.0	694.4
155°	708.0	707.5	706.5	705.4	704.4	703.4	704.4	705.4	706.5	707.5	708.0
157.5°	719.3	718.8	717.8	716.8	715.8	714.8	715.8	716.8	717.8	718.8	719.3
160°	730.1	729.6	728.6	727.5	726.5	725.5	726.5	727.5	728.6	729.6	730.1
162.5°	740.3	739.7	738.6	737.5	736.3	735.2	736.3	737.5	738.6	739.7	740.3
165°	748.2	747.7	746.7	745.7	744.7	743.7	744.7	745.7	746.7	747.7	748.2
167.5°	755.0	754.4	753.3	752.2	751.0	749.9	751.0	752.2	753.3	754.4	755.0
170°	760.1	759.5	758.4	757.3	756.1	755.0	756.1	757.3	758.4	759.5	760.1
172.5°	763.5	762.9	761.8	760.7	759.5	758.4	759.5	760.7	761.8	762.9	763.5
175°	766.4	765.8	764.7	763.6	762.4	761.3	762.4	763.6	764.7	765.8	766.4
177.5°	767.5	767.0	766.0	765.0	764.0	763.0	764.0	765.0	766.0	767.0	767.5
180°	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7

TEST NUMBER: P1027084

CATALOG NUMBER: S125RDIP-B1090D610UB2750-4F0-XX-W2A-A_2700K

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°	11.6	11.0	10.3	9.7	9.1	8.3	7.6	6.8	6.1	5.7	6.3
95°	11.6	11.0	10.3	9.7	9.1	13.9	18.7	23.4	28.2	30.6	30.8
97.5°	11.2	10.9	10.7	10.4	10.2	22.2	34.2	46.1	58.1	64.1	63.7
100°	23.6	42.3	61.1	79.8	98.6	98.1	97.6	97.1	96.6	96.4	96.2
102.5°	133.7	133.4	133.1	132.9	132.6	132.4	132.1	131.9	131.6	131.5	131.2
105°	168.9	168.9	168.9	168.9	168.9	168.9	168.9	168.9	168.9	168.9	168.6
107.5°	206.8	206.7	206.6	206.4	206.3	206.1	205.8	205.6	205.3	205.2	205.2
110°	242.2	242.6	242.9	243.3	243.7	243.5	243.2	243.0	242.7	242.6	242.6

TEST NUMBER: P1027084

CATALOG NUMBER: S125RDIP-B1090D610UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	278.0	278.5	279.0	279.5	280.0	279.9	279.7	279.6	279.5	279.4	279.2
115°	314.3	314.8	315.3	315.8	316.3	316.2	316.0	315.9	315.8	315.7	315.4
117.5°	349.0	349.7	350.5	351.2	352.0	351.5	351.0	350.5	350.0	349.7	349.7
120°	383.8	384.1	384.4	384.6	384.9	384.5	384.1	383.8	383.4	383.2	383.3
122.5°	416.2	416.5	416.7	417.0	417.2	417.1	416.9	416.8	416.7	416.6	416.3
125°	446.9	447.4	447.9	448.4	448.9	448.9	448.9	448.9	448.9	448.9	448.5
127.5°	476.2	476.5	476.8	477.0	477.3	477.4	477.5	477.6	477.7	477.8	477.5
130°	504.1	504.5	504.8	505.2	505.6	505.5	505.3	505.2	505.1	505.0	504.7
132.5°	531.1	531.1	531.1	531.1	531.1	531.5	531.9	532.2	532.6	532.8	532.4
135°	556.2	556.5	556.7	557.0	557.2	557.4	557.7	557.9	558.2	558.3	557.9
137.5°	581.0	581.0	581.0	581.0	581.0	581.2	581.5	581.7	582.0	582.1	581.7
140°	603.6	603.3	603.0	602.8	602.5	602.6	602.8	602.9	603.0	603.1	603.0
142.5°	624.6	624.6	624.6	624.6	624.6	624.4	624.1	623.9	623.6	623.5	623.4
145°	645.0	644.9	644.8	644.6	644.5	644.5	644.5	644.5	644.5	644.5	644.4
147.5°	662.5	662.4	662.3	662.2	662.1	662.0	661.8	661.7	661.6	661.5	661.5
150°	679.5	679.2	679.0	678.7	678.5	678.3	678.0	677.8	677.5	677.4	677.5
152.5°	694.3	694.0	693.7	693.5	693.2	693.0	692.7	692.5	692.2	692.1	692.4
155°	707.8	707.4	707.1	706.7	706.3	706.0	705.8	705.5	705.2	705.1	705.5
157.5°	719.1	718.7	718.4	718.0	717.6	717.6	717.6	717.6	717.6	717.6	717.8
160°	729.8	729.3	728.8	728.3	727.8	727.7	727.5	727.4	727.3	727.2	727.6
162.5°	739.9	739.2	738.4	737.7	736.9	736.8	736.6	736.5	736.4	736.3	736.7
165°	747.8	747.1	746.3	745.6	744.8	744.7	744.6	744.5	744.4	744.3	744.7
167.5°	754.6	753.7	752.8	752.0	751.1	751.0	750.8	750.7	750.6	750.5	750.9
170°	759.6	758.6	757.6	756.6	755.6	755.5	755.3	755.2	755.1	755.0	755.4
172.5°	763.1	762.2	761.3	760.5	759.6	759.3	759.1	758.8	758.5	758.4	758.8
175°	765.9	764.9	763.8	762.8	761.8	761.7	761.6	761.5	761.4	761.3	761.7
177.5°	767.1	766.2	765.3	764.4	763.5	763.4	763.3	763.2	763.1	763.0	763.4
180°	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7

TEST NUMBER: P1027084

CATALOG NUMBER: S125RDIP-B1090D610UB2750-4F0-XX-W2A-A_2700K

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°	7.4	8.5	9.7	10.8
95°	31.2	31.5	31.9	32.3
97.5°	63.0	62.2	61.5	60.7
100°	95.8	95.5	95.1	94.7
102.5°	130.7	130.2	129.7	129.2
105°	168.1	167.6	167.1	166.6
107.5°	205.2	205.2	205.2	205.2
110°	242.6	242.6	242.6	242.6

TEST NUMBER: P1027084

CATALOG NUMBER: S125RDIP-B1090D610UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	278.8	278.5	278.1	277.7
115°	314.8	314.1	313.5	312.9
117.5°	349.7	349.7	349.7	349.7
120°	383.4	383.5	383.6	383.7
122.5°	415.7	415.0	414.4	413.8
125°	447.6	446.7	445.9	445.0
127.5°	476.9	476.2	475.6	475.0
130°	504.1	503.4	502.8	502.2
132.5°	531.7	530.9	530.2	529.4
135°	557.2	556.4	555.7	554.9
137.5°	581.0	580.2	579.5	578.7
140°	602.7	602.5	602.2	602.0
142.5°	623.3	623.2	623.0	622.9
145°	644.1	643.9	643.6	643.4
147.5°	661.5	661.5	661.5	661.5
150°	677.8	678.0	678.3	678.5
152.5°	693.0	693.7	694.3	694.9
155°	706.2	707.0	707.7	708.5
157.5°	718.2	718.5	718.9	719.3
160°	728.3	729.1	729.8	730.6
162.5°	737.4	738.2	738.9	739.7
165°	745.4	746.2	746.9	747.7
167.5°	751.6	752.4	753.1	753.9
170°	756.3	757.2	758.1	759.0
172.5°	759.7	760.6	761.5	762.4
175°	762.4	763.2	763.9	764.7
177.5°	764.1	764.9	765.6	766.4
180°	764.7	764.7	764.7	764.7

(END OF REPORT)