

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: P1034729

Luminaire Tested: S125RDIW-B1090D770UB2750-4F0-XX-W2A-A1_5000K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1034729
REPORT IS A COMBINATION OF REPORTS P1006101 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125RDIW-B1090D770UB2750-4F0-XX-W2A-A1_5000K
Description: Define 5 Regressed Direct/Indirect Wall Mount with 5000K BioUP LEDs {m-DER=1.015}
{m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

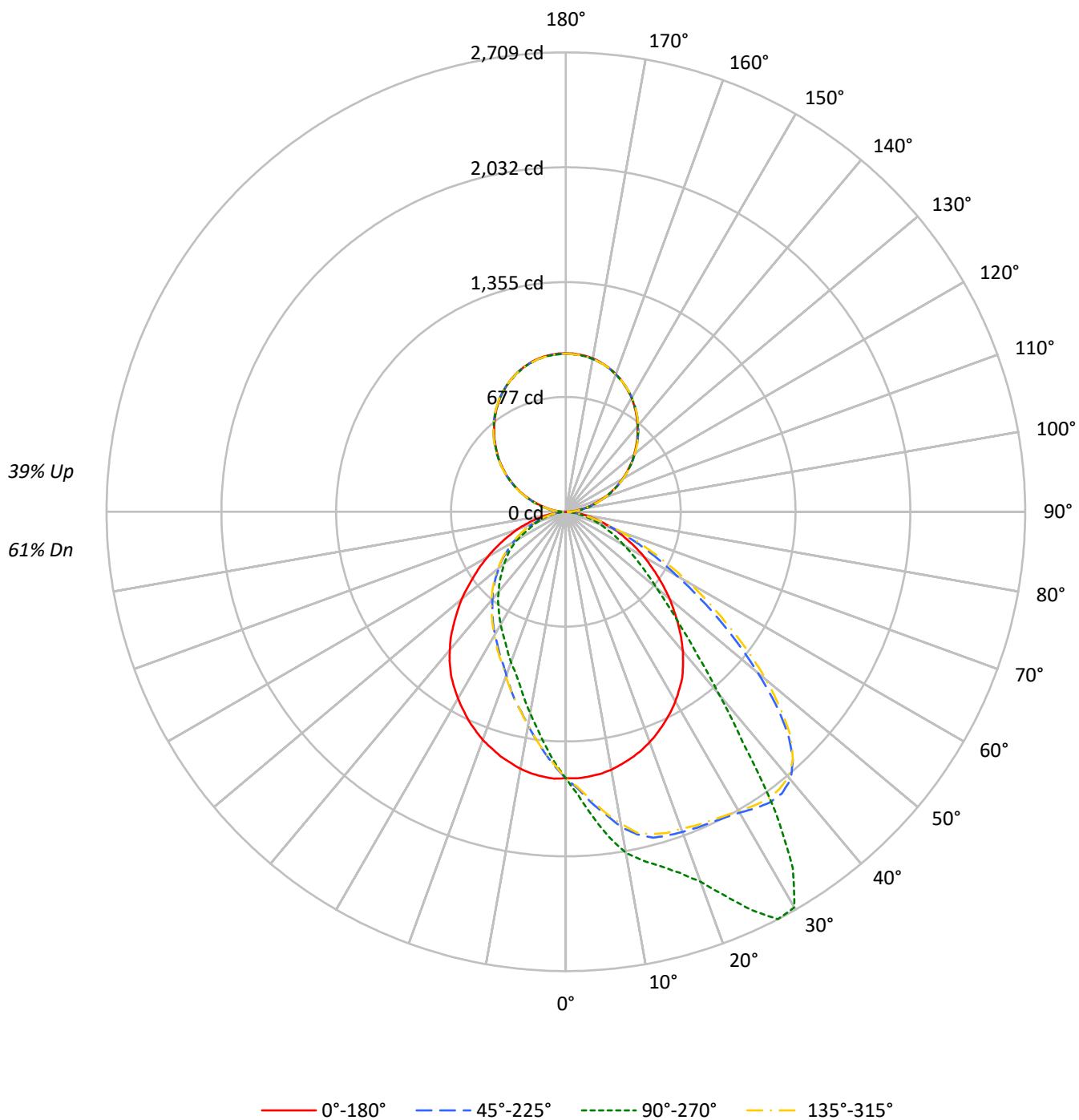
Lumens per Lamp: N/A
Luminaire Lumens: 6676.9 lumens
Efficiency: N/A
Efficacy: 95.4 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 70
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	110	110	110	110	103	103	103	103	89	89	89	77	77	77	66	66	66
1	101	97	93	89	94	91	87	84	79	77	75	69	67	66	59	58	57
2	92	85	79	74	86	80	75	70	70	66	63	61	58	56	53	51	49
3	84	75	68	62	79	71	64	59	62	57	53	54	51	48	47	44	42
4	77	67	59	53	72	63	56	51	56	50	46	49	45	41	42	39	37
5	71	60	52	46	66	56	49	44	50	44	40	44	39	36	38	35	32
6	66	54	46	40	61	51	43	38	45	39	35	40	35	32	35	31	28
7	61	49	41	35	57	46	39	34	41	35	31	36	32	28	32	28	25
8	57	44	36	31	53	42	35	30	37	32	28	33	29	25	29	26	23
9	53	40	33	28	49	38	32	27	34	29	25	31	26	23	27	23	21
10	49	37	30	25	46	35	29	24	32	26	22	28	24	21	25	21	19

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	2.3
10°-20°	441.9	6.6
20°-30°	700.6	10.5
30°-40°	846.6	12.7
40°-50°	753.8	11.3
50°-60°	578.0	8.7
60°-70°	375.4	5.6
70°-80°	182.2	2.7
80°-90°	44.3	0.7
90°-100°	62.0	0.9
100°-110°	184.3	2.8
110°-120°	312.5	4.7
120°-130°	411.4	6.2
130°-140°	461.1	6.9
140°-150°	451.9	6.8
150°-160°	379.6	5.7
160°-170°	252.3	3.8
170°-180°	88.3	1.3
0°-30°	1293.2	19.4
0°-40°	2139.8	32.0
0°-60°	3471.6	52.0
0°-90°	4073.5	61.0
90°-120°	558.8	8.4
90°-150°	1883.3	28.2
90°-180°	2603.0	39.0
0°-180°	6676.9	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°	1	17	1	17	1	6
95°	47	62	47	62	47	49
105°	166	180	166	180	166	176
115°	313	316	313	316	313	310
125°	457	460	457	460	457	409
135°	594	596	594	596	594	458
145°	719	722	719	722	719	450
155°	823	823	823	823	823	379
165°	895	893	895	893	895	253
175°	931	927	931	927	931	88
180°	933	933	933	933	933	

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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°	0.7	2.0	3.3	4.6	5.9	6.5	7.1	8.2	9.3	10.5	11.6
92.5°	21.8	22.6	23.4	24.2	25.0	25.4	26.1	27.6	29.0	30.5	31.9
95°	47.2	47.5	47.8	48.1	48.4	48.6	49.4	51.0	52.7	54.3	55.9
97.5°	72.6	72.8	72.9	73.1	73.2	73.3	74.4	76.7	79.0	81.2	83.5
100°	101.6	101.6	101.6	101.6	101.6	101.6	102.7	104.8	106.9	109.0	111.1
102.5°	132.9	133.7	134.5	135.3	136.1	136.5	136.9	137.7	138.5	139.3	140.1
105°	165.5	166.3	167.1	167.9	168.7	169.1	169.6	170.6	171.5	172.5	173.5
107.5°	201.1	201.9	202.7	203.5	204.3	204.7	205.1	205.9	206.8	207.6	208.4
110°	238.1	238.9	239.7	240.5	241.3	241.7	241.9	242.4	242.9	243.4	243.9

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	275.9	276.2	276.5	276.8	277.1	277.3	277.6	278.3	278.9	279.6	280.2
115°	312.9	313.5	314.2	314.8	315.5	315.8	316.0	316.3	316.6	316.9	317.2
117.5°	350.6	350.8	351.0	351.1	351.3	351.4	351.6	351.9	352.2	352.5	352.8
120°	385.5	386.3	387.1	387.9	388.7	389.1	389.2	389.3	389.5	389.6	389.8
122.5°	423.2	423.4	423.6	423.7	423.9	424.0	424.2	424.7	425.2	425.6	426.1
125°	456.6	457.6	458.6	459.5	460.5	461.0	461.1	461.2	461.4	461.5	461.7
127.5°	493.7	494.2	494.6	495.1	495.6	495.8	495.9	496.1	496.2	496.4	496.6
130°	526.3	527.1	527.9	528.8	529.6	530.0	530.2	530.5	530.8	531.1	531.4
132.5°	559.0	560.4	561.9	563.3	564.8	565.5	565.4	565.3	565.1	565.0	564.8
135°	593.8	594.8	595.8	596.7	597.7	598.2	598.3	598.4	598.6	598.7	598.9
137.5°	626.5	627.5	628.5	629.4	630.4	630.9	631.1	631.4	631.7	632.0	632.3
140°	657.7	658.5	659.3	660.2	661.0	661.4	661.6	662.1	662.6	663.0	663.5
142.5°	688.9	689.5	690.2	690.8	691.5	691.8	692.1	692.8	693.4	694.1	694.7
145°	719.4	720.0	720.7	721.3	722.0	722.3	722.5	723.0	723.5	724.0	724.5
147.5°	747.7	748.2	748.7	749.2	749.7	749.9	750.1	750.4	750.7	751.1	751.4
150°	776.1	775.9	775.7	775.6	775.4	775.3	775.6	776.3	776.9	777.6	778.2
152.5°	799.3	799.6	799.9	800.2	800.5	800.7	800.8	801.0	801.1	801.3	801.5
155°	823.2	823.2	823.2	823.2	823.2	823.2	823.3	823.5	823.6	823.8	824.0
157.5°	845.0	844.7	844.4	844.1	843.8	843.6	843.7	843.8	844.0	844.1	844.3
160°	863.9	863.4	862.9	862.4	861.9	861.7	861.8	861.9	862.1	862.2	862.4
162.5°	880.6	880.3	879.9	879.6	879.3	879.1	879.1	879.1	879.1	879.1	879.1
165°	895.1	894.8	894.5	894.2	893.9	893.7	893.8	893.9	894.1	894.2	894.4
167.5°	908.2	907.6	906.9	906.3	905.6	905.3	905.3	905.3	905.3	905.3	905.3
170°	918.3	917.7	917.0	916.4	915.7	915.4	915.4	915.4	915.4	915.4	915.4
172.5°	925.6	925.0	924.3	923.7	923.0	922.7	922.7	922.7	922.7	922.7	922.7
175°	930.7	930.1	929.4	928.8	928.1	927.8	927.8	927.8	927.8	927.8	927.8
177.5°	934.3	933.7	933.0	932.4	931.7	931.4	931.3	931.2	931.0	930.9	930.7
180°	932.9	932.9	932.9	932.9	932.9	932.9	932.9	932.9	932.9	932.9	932.9

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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°	12.4	13.2	14.0	14.8	15.2	15.4	15.9	16.4	16.9	17.4	16.9
92.5°	33.0	34.2	35.3	36.4	37.0	37.2	37.5	37.8	38.2	38.5	38.2
95°	57.0	58.2	59.3	60.4	61.0	61.2	61.5	61.8	62.1	62.4	62.1
97.5°	84.5	85.4	86.4	87.3	87.8	87.9	88.1	88.2	88.4	88.6	88.4
100°	112.5	114.0	115.4	116.9	117.6	117.8	118.1	118.4	118.8	119.1	118.8
102.5°	141.7	143.3	145.0	146.6	147.4	147.6	148.1	148.6	149.0	149.5	149.0
105°	174.5	175.5	176.4	177.4	177.9	178.1	178.6	179.1	179.5	180.0	179.5
107.5°	208.9	209.3	209.8	210.3	210.5	210.5	210.5	210.5	210.5	210.5	210.5
110°	244.4	244.9	245.4	245.9	246.1	246.0	245.9	245.7	245.6	245.4	245.6

TEST NUMBER: P1034729

CATALOG NUMBER: S125RDIW-B1090D770UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	280.4	280.5	280.7	280.8	280.9	280.7	280.4	280.1	279.8	279.5	279.8
115°	317.0	316.9	316.7	316.6	316.5	316.4	316.3	316.1	316.0	315.8	316.0
117.5°	353.0	353.1	353.3	353.4	353.5	353.2	352.5	351.9	351.2	350.6	351.2
120°	389.8	389.8	389.8	389.8	389.8	389.5	388.8	388.2	387.5	386.9	387.5
122.5°	425.9	425.8	425.6	425.5	425.4	425.2	424.7	424.2	423.7	423.2	423.7
125°	461.4	461.1	460.8	460.5	460.3	460.2	460.0	459.9	459.7	459.5	459.7
127.5°	496.4	496.2	496.1	495.9	495.8	495.6	495.3	495.0	494.7	494.4	494.7
130°	531.2	531.1	530.9	530.8	530.7	530.5	530.2	529.9	529.5	529.2	529.5
132.5°	564.6	564.5	564.3	564.2	564.1	563.9	563.4	562.9	562.4	561.9	562.4
135°	598.9	598.9	598.9	598.9	598.9	598.6	597.9	597.3	596.6	596.0	596.6
137.5°	632.5	632.6	632.8	632.9	633.0	632.6	631.8	631.0	630.2	629.4	630.2
140°	663.8	664.2	664.5	664.8	665.0	664.6	663.8	663.0	662.2	661.4	662.2
142.5°	694.9	695.1	695.2	695.4	695.5	695.1	694.3	693.4	692.6	691.8	692.6
145°	724.5	724.5	724.5	724.5	724.5	724.3	723.8	723.3	722.8	722.3	722.8
147.5°	751.9	752.4	752.9	753.4	753.6	752.9	751.6	750.3	749.0	747.7	749.0
150°	778.2	778.2	778.2	778.2	778.2	778.0	777.7	777.4	777.1	776.8	777.1
152.5°	802.0	802.4	802.9	803.4	803.6	803.3	802.6	802.0	801.3	800.7	801.3
155°	824.6	825.3	825.9	826.6	826.9	826.5	825.7	824.8	824.0	823.2	824.0
157.5°	844.9	845.6	846.2	846.9	847.2	846.6	845.5	844.4	843.2	842.1	843.2
160°	863.0	863.7	864.3	865.0	865.3	864.9	864.1	863.3	862.5	861.7	862.5
162.5°	879.9	880.7	881.6	882.4	882.8	882.3	881.3	880.4	879.4	878.4	879.4
165°	895.0	895.7	896.3	897.0	897.3	896.8	895.8	894.9	893.9	892.9	893.9
167.5°	906.3	907.2	908.2	909.1	909.6	909.1	908.2	907.2	906.3	905.3	906.3
170°	916.4	917.4	918.3	919.3	919.8	919.2	918.1	917.0	915.8	914.7	915.8
172.5°	923.7	924.7	925.6	926.6	927.1	926.6	925.6	924.7	923.7	922.7	923.7
175°	928.8	929.7	930.7	931.6	932.1	931.5	930.4	929.3	928.2	927.1	928.2
177.5°	931.7	932.6	933.6	934.5	935.0	934.4	933.3	932.2	931.1	930.0	931.1
180°	932.9	932.9	932.9	932.9	932.9	932.9	932.9	932.9	932.9	932.9	932.9

TEST NUMBER: P1034729

CATALOG NUMBER: S125RDIW-B1090D770UB2750-4F0-XX-W2A-A1_5000K

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°	16.4	15.9	15.4	15.2	14.8	14.0	13.2	12.4	11.6	10.5	9.3
92.5°	37.8	37.5	37.2	37.0	36.4	35.3	34.2	33.0	31.9	30.5	29.0
95°	61.8	61.5	61.2	61.0	60.4	59.3	58.2	57.0	55.9	54.3	52.7
97.5°	88.2	88.1	87.9	87.8	87.3	86.4	85.4	84.5	83.5	81.2	79.0
100°	118.4	118.1	117.8	117.6	116.9	115.4	114.0	112.5	111.1	109.0	106.9
102.5°	148.6	148.1	147.6	147.4	146.6	145.0	143.3	141.7	140.1	139.3	138.5
105°	179.1	178.6	178.1	177.9	177.4	176.4	175.5	174.5	173.5	172.5	171.5
107.5°	210.5	210.5	210.5	210.5	210.3	209.8	209.3	208.9	208.4	207.6	206.8
110°	245.7	245.9	246.0	246.1	245.9	245.4	244.9	244.4	243.9	243.4	242.9

TEST NUMBER: P1034729

CATALOG NUMBER: S125RDIW-B1090D770UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	280.1	280.4	280.7	280.9	280.8	280.7	280.5	280.4	280.2	279.6	278.9
115°	316.1	316.3	316.4	316.5	316.6	316.7	316.9	317.0	317.2	316.9	316.6
117.5°	351.9	352.5	353.2	353.5	353.4	353.3	353.1	353.0	352.8	352.5	352.2
120°	388.2	388.8	389.5	389.8	389.8	389.8	389.8	389.8	389.8	389.6	389.5
122.5°	424.2	424.7	425.2	425.4	425.5	425.6	425.8	425.9	426.1	425.6	425.2
125°	459.9	460.0	460.2	460.3	460.5	460.8	461.1	461.4	461.7	461.5	461.4
127.5°	495.0	495.3	495.6	495.8	495.9	496.1	496.2	496.4	496.6	496.4	496.2
130°	529.9	530.2	530.5	530.7	530.8	530.9	531.1	531.2	531.4	531.1	530.8
132.5°	562.9	563.4	563.9	564.1	564.2	564.3	564.5	564.6	564.8	565.0	565.1
135°	597.3	597.9	598.6	598.9	598.9	598.9	598.9	598.9	598.9	598.7	598.6
137.5°	631.0	631.8	632.6	633.0	632.9	632.8	632.6	632.5	632.3	632.0	631.7
140°	663.0	663.8	664.6	665.0	664.8	664.5	664.2	663.8	663.5	663.0	662.6
142.5°	693.4	694.3	695.1	695.5	695.4	695.2	695.1	694.9	694.7	694.1	693.4
145°	723.3	723.8	724.3	724.5	724.5	724.5	724.5	724.5	724.5	724.0	723.5
147.5°	750.3	751.6	752.9	753.6	753.4	752.9	752.4	751.9	751.4	751.1	750.7
150°	777.4	777.7	778.0	778.2	778.2	778.2	778.2	778.2	778.2	777.6	776.9
152.5°	802.0	802.6	803.3	803.6	803.4	802.9	802.4	802.0	801.5	801.3	801.1
155°	824.8	825.7	826.5	826.9	826.6	825.9	825.3	824.6	824.0	823.8	823.6
157.5°	844.4	845.5	846.6	847.2	846.9	846.2	845.6	844.9	844.3	844.1	844.0
160°	863.3	864.1	864.9	865.3	865.0	864.3	863.7	863.0	862.4	862.2	862.1
162.5°	880.4	881.3	882.3	882.8	882.4	881.6	880.7	879.9	879.1	879.1	879.1
165°	894.9	895.8	896.8	897.3	897.0	896.3	895.7	895.0	894.4	894.2	894.1
167.5°	907.2	908.2	909.1	909.6	909.1	908.2	907.2	906.3	905.3	905.3	905.3
170°	917.0	918.1	919.2	919.8	919.3	918.3	917.4	916.4	915.4	915.4	915.4
172.5°	924.7	925.6	926.6	927.1	926.6	925.6	924.7	923.7	922.7	922.7	922.7
175°	929.3	930.4	931.5	932.1	931.6	930.7	929.7	928.8	927.8	927.8	927.8
177.5°	932.2	933.3	934.4	935.0	934.5	933.6	932.6	931.7	930.7	930.9	931.0
180°	932.9	932.9	932.9	932.9	932.9	932.9	932.9	932.9	932.9	932.9	932.9

TEST NUMBER: P1034729

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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°	8.2	7.1	6.5	5.9	4.6	3.3	2.0	0.7	2.0	3.3	4.6
92.5°	27.6	26.1	25.4	25.0	24.2	23.4	22.6	21.8	22.6	23.4	24.2
95°	51.0	49.4	48.6	48.4	48.1	47.8	47.5	47.2	47.5	47.8	48.1
97.5°	76.7	74.4	73.3	73.2	73.1	72.9	72.8	72.6	72.8	72.9	73.1
100°	104.8	102.7	101.6	101.6	101.6	101.6	101.6	101.6	101.6	101.6	101.6
102.5°	137.7	136.9	136.5	136.1	135.3	134.5	133.7	132.9	133.7	134.5	135.3
105°	170.6	169.6	169.1	168.7	167.9	167.1	166.3	165.5	166.3	167.1	167.9
107.5°	205.9	205.1	204.7	204.3	203.5	202.7	201.9	201.1	201.9	202.7	203.5
110°	242.4	241.9	241.7	241.3	240.5	239.7	238.9	238.1	238.9	239.7	240.5

TEST NUMBER: P1034729

CATALOG NUMBER: S125RDIW-B1090D770UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	278.3	277.6	277.3	277.1	276.8	276.5	276.2	275.9	276.2	276.5	276.8
115°	316.3	316.0	315.8	315.5	314.8	314.2	313.5	312.9	313.5	314.2	314.8
117.5°	351.9	351.6	351.4	351.3	351.1	351.0	350.8	350.6	350.8	351.0	351.1
120°	389.3	389.2	389.1	388.7	387.9	387.1	386.3	385.5	386.3	387.1	387.9
122.5°	424.7	424.2	424.0	423.9	423.7	423.6	423.4	423.2	423.4	423.6	423.7
125°	461.2	461.1	461.0	460.5	459.5	458.6	457.6	456.6	457.6	458.6	459.5
127.5°	496.1	495.9	495.8	495.6	495.1	494.6	494.2	493.7	494.2	494.6	495.1
130°	530.5	530.2	530.0	529.6	528.8	527.9	527.1	526.3	527.1	527.9	528.8
132.5°	565.3	565.4	565.5	564.8	563.3	561.9	560.4	559.0	560.4	561.9	563.3
135°	598.4	598.3	598.2	597.7	596.7	595.8	594.8	593.8	594.8	595.8	596.7
137.5°	631.4	631.1	630.9	630.4	629.4	628.5	627.5	626.5	627.5	628.5	629.4
140°	662.1	661.6	661.4	661.0	660.2	659.3	658.5	657.7	658.5	659.3	660.2
142.5°	692.8	692.1	691.8	691.5	690.8	690.2	689.5	688.9	689.5	690.2	690.8
145°	723.0	722.5	722.3	722.0	721.3	720.7	720.0	719.4	720.0	720.7	721.3
147.5°	750.4	750.1	749.9	749.7	749.2	748.7	748.2	747.7	748.2	748.7	749.2
150°	776.3	775.6	775.3	775.4	775.6	775.7	775.9	776.1	775.9	775.7	775.6
152.5°	801.0	800.8	800.7	800.5	800.2	799.9	799.6	799.3	799.6	799.9	800.2
155°	823.5	823.3	823.2	823.2	823.2	823.2	823.2	823.2	823.2	823.2	823.2
157.5°	843.8	843.7	843.6	843.8	844.1	844.4	844.7	845.0	844.7	844.4	844.1
160°	861.9	861.8	861.7	861.9	862.4	862.9	863.4	863.9	863.4	862.9	862.4
162.5°	879.1	879.1	879.1	879.3	879.6	879.9	880.3	880.6	880.3	879.9	879.6
165°	893.9	893.8	893.7	893.9	894.2	894.5	894.8	895.1	894.8	894.5	894.2
167.5°	905.3	905.3	905.3	905.6	906.3	906.9	907.6	908.2	907.6	906.9	906.3
170°	915.4	915.4	915.4	915.7	916.4	917.0	917.7	918.3	917.7	917.0	916.4
172.5°	922.7	922.7	922.7	923.0	923.7	924.3	925.0	925.6	925.0	924.3	923.7
175°	927.8	927.8	927.8	928.1	928.8	929.4	930.1	930.7	930.1	929.4	928.8
177.5°	931.2	931.3	931.4	931.7	932.4	933.0	933.7	934.3	933.7	933.0	932.4
180°	932.9	932.9	932.9	932.9	932.9	932.9	932.9	932.9	932.9	932.9	932.9

TEST NUMBER: P1034729

CATALOG NUMBER: S125RDIW-B1090D770UB2750-4F0-XX-W2A-A1_5000K

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°	5.9	6.5	7.1	8.2	9.3	10.5	11.6	12.4	13.2	14.0	14.8
92.5°	25.0	25.4	26.1	27.6	29.0	30.5	31.9	33.0	34.2	35.3	36.4
95°	48.4	48.6	49.4	51.0	52.7	54.3	55.9	57.0	58.2	59.3	60.4
97.5°	73.2	73.3	74.4	76.7	79.0	81.2	83.5	84.5	85.4	86.4	87.3
100°	101.6	101.6	102.7	104.8	106.9	109.0	111.1	112.5	114.0	115.4	116.9
102.5°	136.1	136.5	136.9	137.7	138.5	139.3	140.1	141.7	143.3	145.0	146.6
105°	168.7	169.1	169.6	170.6	171.5	172.5	173.5	174.5	175.5	176.4	177.4
107.5°	204.3	204.7	205.1	205.9	206.8	207.6	208.4	208.9	209.3	209.8	210.3
110°	241.3	241.7	241.9	242.4	242.9	243.4	243.9	244.4	244.9	245.4	245.9

TEST NUMBER: P1034729

CATALOG NUMBER: S125RDIW-B1090D770UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	277.1	277.3	277.6	278.3	278.9	279.6	280.2	280.4	280.5	280.7	280.8
115°	315.5	315.8	316.0	316.3	316.6	316.9	317.2	317.0	316.9	316.7	316.6
117.5°	351.3	351.4	351.6	351.9	352.2	352.5	352.8	353.0	353.1	353.3	353.4
120°	388.7	389.1	389.2	389.3	389.5	389.6	389.8	389.8	389.8	389.8	389.8
122.5°	423.9	424.0	424.2	424.7	425.2	425.6	426.1	425.9	425.8	425.6	425.5
125°	460.5	461.0	461.1	461.2	461.4	461.5	461.7	461.4	461.1	460.8	460.5
127.5°	495.6	495.8	495.9	496.1	496.2	496.4	496.6	496.4	496.2	496.1	495.9
130°	529.6	530.0	530.2	530.5	530.8	531.1	531.4	531.2	531.1	530.9	530.8
132.5°	564.8	565.5	565.4	565.3	565.1	565.0	564.8	564.6	564.5	564.3	564.2
135°	597.7	598.2	598.3	598.4	598.6	598.7	598.9	598.9	598.9	598.9	598.9
137.5°	630.4	630.9	631.1	631.4	631.7	632.0	632.3	632.5	632.6	632.8	632.9
140°	661.0	661.4	661.6	662.1	662.6	663.0	663.5	663.8	664.2	664.5	664.8
142.5°	691.5	691.8	692.1	692.8	693.4	694.1	694.7	694.9	695.1	695.2	695.4
145°	722.0	722.3	722.5	723.0	723.5	724.0	724.5	724.5	724.5	724.5	724.5
147.5°	749.7	749.9	750.1	750.4	750.7	751.1	751.4	751.9	752.4	752.9	753.4
150°	775.4	775.3	775.6	776.3	776.9	777.6	778.2	778.2	778.2	778.2	778.2
152.5°	800.5	800.7	800.8	801.0	801.1	801.3	801.5	802.0	802.4	802.9	803.4
155°	823.2	823.2	823.3	823.5	823.6	823.8	824.0	824.6	825.3	825.9	826.6
157.5°	843.8	843.6	843.7	843.8	844.0	844.1	844.3	844.9	845.6	846.2	846.9
160°	861.9	861.7	861.8	861.9	862.1	862.2	862.4	863.0	863.7	864.3	865.0
162.5°	879.3	879.1	879.1	879.1	879.1	879.1	879.1	879.9	880.7	881.6	882.4
165°	893.9	893.7	893.8	893.9	894.1	894.2	894.4	895.0	895.7	896.3	897.0
167.5°	905.6	905.3	905.3	905.3	905.3	905.3	905.3	906.3	907.2	908.2	909.1
170°	915.7	915.4	915.4	915.4	915.4	915.4	915.4	916.4	917.4	918.3	919.3
172.5°	923.0	922.7	922.7	922.7	922.7	922.7	922.7	923.7	924.7	925.6	926.6
175°	928.1	927.8	927.8	927.8	927.8	927.8	927.8	928.8	929.7	930.7	931.6
177.5°	931.7	931.4	931.3	931.2	931.0	930.9	930.7	931.7	932.6	933.6	934.5
180°	932.9	932.9	932.9	932.9	932.9	932.9	932.9	932.9	932.9	932.9	932.9

TEST NUMBER: P1034729

CATALOG NUMBER: S125RDIW-B1090D770UB2750-4F0-XX-W2A-A1_5000K

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°	15.2	15.4	15.9	16.4	16.9	17.4	16.9	16.4	15.9	15.4	15.2
92.5°	37.0	37.2	37.5	37.8	38.2	38.5	38.2	37.8	37.5	37.2	37.0
95°	61.0	61.2	61.5	61.8	62.1	62.4	62.1	61.8	61.5	61.2	61.0
97.5°	87.8	87.9	88.1	88.2	88.4	88.6	88.4	88.2	88.1	87.9	87.8
100°	117.6	117.8	118.1	118.4	118.8	119.1	118.8	118.4	118.1	117.8	117.6
102.5°	147.4	147.6	148.1	148.6	149.0	149.5	149.0	148.6	148.1	147.6	147.4
105°	177.9	178.1	178.6	179.1	179.5	180.0	179.5	179.1	178.6	178.1	177.9
107.5°	210.5	210.5	210.5	210.5	210.5	210.5	210.5	210.5	210.5	210.5	210.5
110°	246.1	246.0	245.9	245.7	245.6	245.4	245.6	245.7	245.9	246.0	246.1

TEST NUMBER: P1034729

CATALOG NUMBER: S125RDIW-B1090D770UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	280.9	280.7	280.4	280.1	279.8	279.5	279.8	280.1	280.4	280.7	280.9
115°	316.5	316.4	316.3	316.1	316.0	315.8	316.0	316.1	316.3	316.4	316.5
117.5°	353.5	353.2	352.5	351.9	351.2	350.6	351.2	351.9	352.5	353.2	353.5
120°	389.8	389.5	388.8	388.2	387.5	386.9	387.5	388.2	388.8	389.5	389.8
122.5°	425.4	425.2	424.7	424.2	423.7	423.2	423.7	424.2	424.7	425.2	425.4
125°	460.3	460.2	460.0	459.9	459.7	459.5	459.7	459.9	460.0	460.2	460.3
127.5°	495.8	495.6	495.3	495.0	494.7	494.4	494.7	495.0	495.3	495.6	495.8
130°	530.7	530.5	530.2	529.9	529.5	529.2	529.5	529.9	530.2	530.5	530.7
132.5°	564.1	563.9	563.4	562.9	562.4	561.9	562.4	562.9	563.4	563.9	564.1
135°	598.9	598.6	597.9	597.3	596.6	596.0	596.6	597.3	597.9	598.6	598.9
137.5°	633.0	632.6	631.8	631.0	630.2	629.4	630.2	631.0	631.8	632.6	633.0
140°	665.0	664.6	663.8	663.0	662.2	661.4	662.2	663.0	663.8	664.6	665.0
142.5°	695.5	695.1	694.3	693.4	692.6	691.8	692.6	693.4	694.3	695.1	695.5
145°	724.5	724.3	723.8	723.3	722.8	722.3	722.8	723.3	723.8	724.3	724.5
147.5°	753.6	752.9	751.6	750.3	749.0	747.7	749.0	750.3	751.6	752.9	753.6
150°	778.2	778.0	777.7	777.4	777.1	776.8	777.1	777.4	777.7	778.0	778.2
152.5°	803.6	803.3	802.6	802.0	801.3	800.7	801.3	802.0	802.6	803.3	803.6
155°	826.9	826.5	825.7	824.8	824.0	823.2	824.0	824.8	825.7	826.5	826.9
157.5°	847.2	846.6	845.5	844.4	843.2	842.1	843.2	844.4	845.5	846.6	847.2
160°	865.3	864.9	864.1	863.3	862.5	861.7	862.5	863.3	864.1	864.9	865.3
162.5°	882.8	882.3	881.3	880.4	879.4	878.4	879.4	880.4	881.3	882.3	882.8
165°	897.3	896.8	895.8	894.9	893.9	892.9	893.9	894.9	895.8	896.8	897.3
167.5°	909.6	909.1	908.2	907.2	906.3	905.3	906.3	907.2	908.2	909.1	909.6
170°	919.8	919.2	918.1	917.0	915.8	914.7	915.8	917.0	918.1	919.2	919.8
172.5°	927.1	926.6	925.6	924.7	923.7	922.7	923.7	924.7	925.6	926.6	927.1
175°	932.1	931.5	930.4	929.3	928.2	927.1	928.2	929.3	930.4	931.5	932.1
177.5°	935.0	934.4	933.3	932.2	931.1	930.0	931.1	932.2	933.3	934.4	935.0
180°	932.9	932.9	932.9	932.9	932.9	932.9	932.9	932.9	932.9	932.9	932.9

TEST NUMBER: P1034729

CATALOG NUMBER: S125RDIW-B1090D770UB2750-4F0-XX-W2A-A1_5000K

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°	14.8	14.0	13.2	12.4	11.6	10.5	9.3	8.2	7.1	6.5	5.9
92.5°	36.4	35.3	34.2	33.0	31.9	30.5	29.0	27.6	26.1	25.4	25.0
95°	60.4	59.3	58.2	57.0	55.9	54.3	52.7	51.0	49.4	48.6	48.4
97.5°	87.3	86.4	85.4	84.5	83.5	81.2	79.0	76.7	74.4	73.3	73.2
100°	116.9	115.4	114.0	112.5	111.1	109.0	106.9	104.8	102.7	101.6	101.6
102.5°	146.6	145.0	143.3	141.7	140.1	139.3	138.5	137.7	136.9	136.5	136.1
105°	177.4	176.4	175.5	174.5	173.5	172.5	171.5	170.6	169.6	169.1	168.7
107.5°	210.3	209.8	209.3	208.9	208.4	207.6	206.8	205.9	205.1	204.7	204.3
110°	245.9	245.4	244.9	244.4	243.9	243.4	242.9	242.4	241.9	241.7	241.3

TEST NUMBER: P1034729

CATALOG NUMBER: S125RDIW-B1090D770UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	280.8	280.7	280.5	280.4	280.2	279.6	278.9	278.3	277.6	277.3	277.1
115°	316.6	316.7	316.9	317.0	317.2	316.9	316.6	316.3	316.0	315.8	315.5
117.5°	353.4	353.3	353.1	353.0	352.8	352.5	352.2	351.9	351.6	351.4	351.3
120°	389.8	389.8	389.8	389.8	389.8	389.6	389.5	389.3	389.2	389.1	388.7
122.5°	425.5	425.6	425.8	425.9	426.1	425.6	425.2	424.7	424.2	424.0	423.9
125°	460.5	460.8	461.1	461.4	461.7	461.5	461.4	461.2	461.1	461.0	460.5
127.5°	495.9	496.1	496.2	496.4	496.6	496.4	496.2	496.1	495.9	495.8	495.6
130°	530.8	530.9	531.1	531.2	531.4	531.1	530.8	530.5	530.2	530.0	529.6
132.5°	564.2	564.3	564.5	564.6	564.8	565.0	565.1	565.3	565.4	565.5	564.8
135°	598.9	598.9	598.9	598.9	598.9	598.7	598.6	598.4	598.3	598.2	597.7
137.5°	632.9	632.8	632.6	632.5	632.3	632.0	631.7	631.4	631.1	630.9	630.4
140°	664.8	664.5	664.2	663.8	663.5	663.0	662.6	662.1	661.6	661.4	661.0
142.5°	695.4	695.2	695.1	694.9	694.7	694.1	693.4	692.8	692.1	691.8	691.5
145°	724.5	724.5	724.5	724.5	724.5	724.0	723.5	723.0	722.5	722.3	722.0
147.5°	753.4	752.9	752.4	751.9	751.4	751.1	750.7	750.4	750.1	749.9	749.7
150°	778.2	778.2	778.2	778.2	778.2	777.6	776.9	776.3	775.6	775.3	775.4
152.5°	803.4	802.9	802.4	802.0	801.5	801.3	801.1	801.0	800.8	800.7	800.5
155°	826.6	825.9	825.3	824.6	824.0	823.8	823.6	823.5	823.3	823.2	823.2
157.5°	846.9	846.2	845.6	844.9	844.3	844.1	844.0	843.8	843.7	843.6	843.8
160°	865.0	864.3	863.7	863.0	862.4	862.2	862.1	861.9	861.8	861.7	861.9
162.5°	882.4	881.6	880.7	879.9	879.1	879.1	879.1	879.1	879.1	879.1	879.3
165°	897.0	896.3	895.7	895.0	894.4	894.2	894.1	893.9	893.8	893.7	893.9
167.5°	909.1	908.2	907.2	906.3	905.3	905.3	905.3	905.3	905.3	905.3	905.6
170°	919.3	918.3	917.4	916.4	915.4	915.4	915.4	915.4	915.4	915.4	915.7
172.5°	926.6	925.6	924.7	923.7	922.7	922.7	922.7	922.7	922.7	922.7	923.0
175°	931.6	930.7	929.7	928.8	927.8	927.8	927.8	927.8	927.8	927.8	928.1
177.5°	934.5	933.6	932.6	931.7	930.7	930.9	931.0	931.2	931.3	931.4	931.7
180°	932.9	932.9	932.9	932.9	932.9	932.9	932.9	932.9	932.9	932.9	932.9

TEST NUMBER: P1034729

CATALOG NUMBER: S125RDIW-B1090D770UB2750-4F0-XX-W2A-A1_5000K

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°	4.6	3.3	2.0	0.7
92.5°	24.2	23.4	22.6	21.8
95°	48.1	47.8	47.5	47.2
97.5°	73.1	72.9	72.8	72.6
100°	101.6	101.6	101.6	101.6
102.5°	135.3	134.5	133.7	132.9
105°	167.9	167.1	166.3	165.5
107.5°	203.5	202.7	201.9	201.1
110°	240.5	239.7	238.9	238.1

TEST NUMBER: P1034729

CATALOG NUMBER: S125RDIW-B1090D770UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	276.8	276.5	276.2	275.9
115°	314.8	314.2	313.5	312.9
117.5°	351.1	351.0	350.8	350.6
120°	387.9	387.1	386.3	385.5
122.5°	423.7	423.6	423.4	423.2
125°	459.5	458.6	457.6	456.6
127.5°	495.1	494.6	494.2	493.7
130°	528.8	527.9	527.1	526.3
132.5°	563.3	561.9	560.4	559.0
135°	596.7	595.8	594.8	593.8
137.5°	629.4	628.5	627.5	626.5
140°	660.2	659.3	658.5	657.7
142.5°	690.8	690.2	689.5	688.9
145°	721.3	720.7	720.0	719.4
147.5°	749.2	748.7	748.2	747.7
150°	775.6	775.7	775.9	776.1
152.5°	800.2	799.9	799.6	799.3
155°	823.2	823.2	823.2	823.2
157.5°	844.1	844.4	844.7	845.0
160°	862.4	862.9	863.4	863.9
162.5°	879.6	879.9	880.3	880.6
165°	894.2	894.5	894.8	895.1
167.5°	906.3	906.9	907.6	908.2
170°	916.4	917.0	917.7	918.3
172.5°	923.7	924.3	925.0	925.6
175°	928.8	929.4	930.1	930.7
177.5°	932.4	933.0	933.7	934.3
180°	932.9	932.9	932.9	932.9

(END OF REPORT)