

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: P1034374

Luminaire Tested: S125DIW-B1090D770UB2750-4F0-XX-W2A-A1_5000K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1034374
REPORT IS A COMBINATION OF REPORTS P1002992 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIW-B1090D770UB2750-4F0-XX-W2A-A1_5000K
Description: Define 5 Direct/Indirect Wall Mount with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

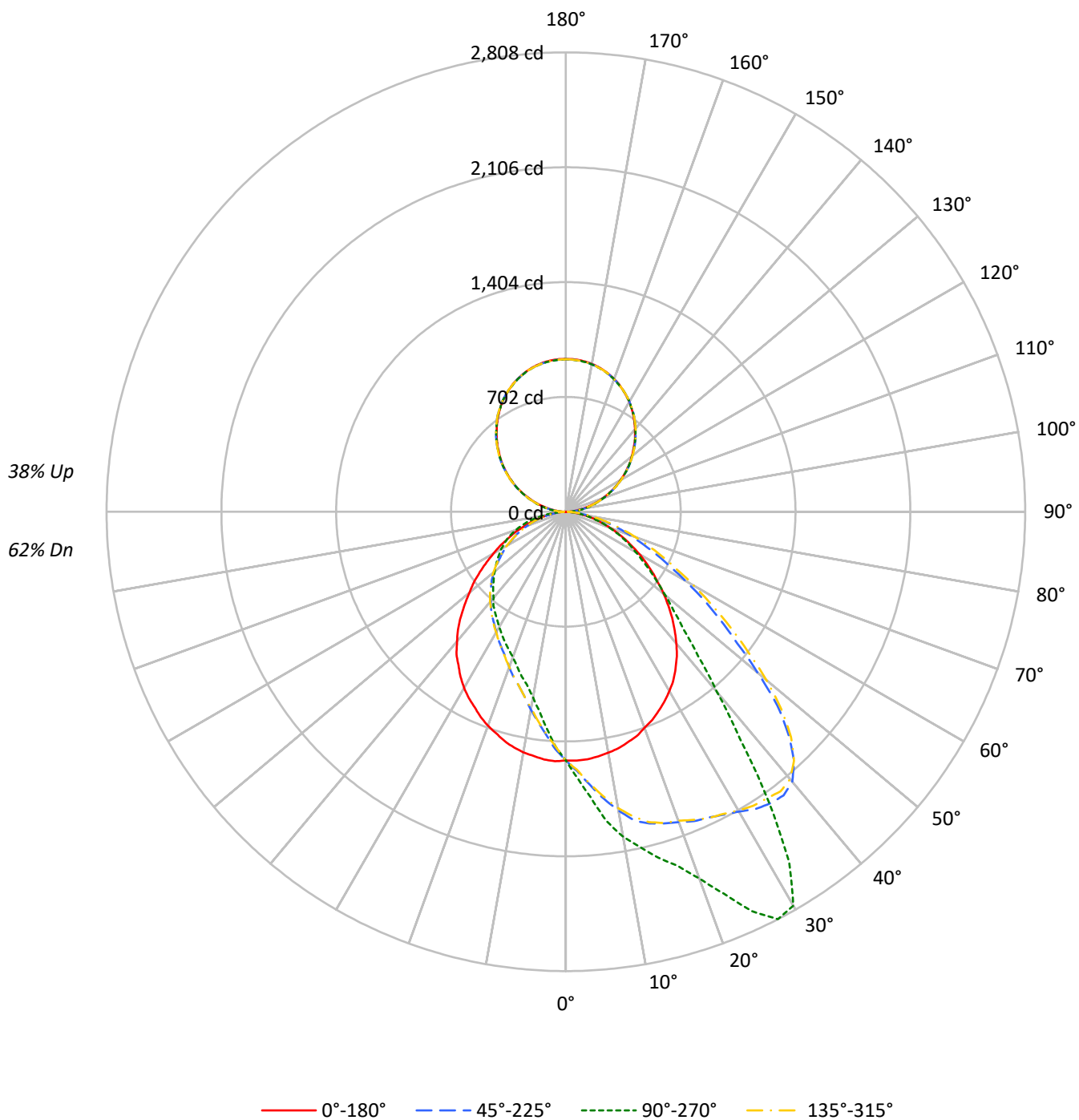
Lumens per Lamp: N/A
Luminaire Lumens: 6894.0 lumens
Efficiency: N/A
Efficacy: 98.5 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 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

TEST NUMBER: P1034374

CATALOG NUMBER: S125DIW-B1090D770UB2750-4F0-XX-W2A-A1_5000K

Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	110	110	110	110	103	103	103	103	90	90	90	78	78	78	67	67	67	67	67	62
1	101	97	93	89	94	91	87	84	80	77	75	69	68	66	60	59	58	58	58	53
2	92	85	78	73	86	80	74	70	70	66	62	61	58	55	53	51	49	49	49	45
3	84	75	67	61	79	70	64	58	62	57	53	54	50	47	47	44	42	42	42	38
4	77	66	58	52	72	62	55	50	55	50	45	49	44	41	42	39	36	36	36	33
5	71	59	51	45	66	56	48	43	50	44	39	44	39	35	38	35	32	32	32	29
6	65	53	45	39	61	50	43	37	45	39	34	40	35	31	35	31	28	28	28	25
7	61	48	40	34	57	45	38	33	41	35	30	36	31	28	32	28	25	25	25	22
8	56	44	36	30	53	41	34	29	37	31	27	33	28	25	29	25	22	22	22	20
9	52	40	32	27	49	38	31	26	34	28	24	30	26	22	27	23	20	20	20	18
10	49	37	29	24	46	35	28	24	31	26	22	28	23	20	25	21	18	18	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9738	9738	9738	9738
5°	9746	11048	9754	8381
10°	9686	12592	9669	7194
15°	9615	13653	9555	6500
20°	9494	14961	9407	5934
25°	9386	17143	9214	5599
30°	9231	18085	9071	5296
35°	8986	14497	8798	5051
40°	8604	10020	8477	4794
45°	8121	7460	8029	4580
50°	7568	6141	7443	4408
55°	6972	5238	6917	4259
60°	6387	4484	6275	4144
65°	5756	3872	5662	3975
70°	5089	3215	5020	3682
75°	4381	2487	4325	3197
80°	3461	1681	3335	2350
85°	2213	842	2138	1197

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 14875 cd/sqm

TEST NUMBER: P1034374

CATALOG NUMBER: S125DIW-B1090D770UB2750-4F0-XX-W2A-A1_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	146.3	2.1
10°-20°	435.7	6.3
20°-30°	707.8	10.3
30°-40°	865.0	12.5
40°-50°	784.6	11.4
50°-60°	624.9	9.1
60°-70°	435.3	6.3
70°-80°	231.9	3.4
80°-90°	59.0	0.9
90°-100°	62.0	0.9
100°-110°	184.3	2.7
110°-120°	312.5	4.5
120°-130°	411.4	6.0
130°-140°	461.1	6.7
140°-150°	451.9	6.6
150°-160°	379.6	5.5
160°-170°	252.3	3.7
170°-180°	88.3	1.3
0°-30°	1289.8	18.7
0°-40°	2154.8	31.3
0°-60°	3564.3	51.7
0°-90°	4290.5	62.2
90°-120°	558.8	8.1
90°-150°	1883.3	27.3
90°-180°	2603.0	37.8
0°-180°	6894.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1520	1520	1520	1520	1520	
5°	1519	1754	1520	1330	1519	144
15°	1459	2190	1450	1042	1459	412
25°	1343	2694	1319	880	1343	619
35°	1169	2162	1144	754	1169	730
45°	919	1019	908	626	919	708
55°	646	628	641	511	646	578
65°	400	386	394	396	400	397
75°	194	190	191	244	194	206
85°	39	43	37	61	39	46
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	

TEST NUMBER: P1034374

CATALOG NUMBER: S125DIW-B1090D770UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9
2.5°	1522.5	1531.5	1541.9	1549.6	1562.5	1566.4	1572.8	1576.7	1580.6	1584.4	1587.0
5°	1518.6	1540.6	1559.9	1574.1	1598.6	1607.7	1619.3	1633.5	1650.2	1664.4	1673.5
7.5°	1508.3	1543.1	1569.0	1597.3	1630.9	1652.8	1664.4	1694.1	1721.2	1741.8	1768.9
10°	1495.4	1536.7	1576.7	1619.3	1667.0	1691.5	1714.8	1756.0	1793.5	1827.0	1854.1
12.5°	1481.2	1531.5	1579.3	1634.8	1699.3	1728.9	1744.4	1815.4	1861.8	1879.9	1932.8
15°	1459.3	1518.6	1587.0	1655.4	1709.6	1744.4	1787.0	1843.8	1890.2	1930.2	1972.8
17.5°	1438.6	1503.1	1572.8	1648.9	1727.7	1772.8	1805.1	1855.4	1905.7	1957.3	1997.3
20°	1405.1	1489.0	1559.9	1641.2	1734.1	1766.4	1799.9	1859.3	1913.5	1968.9	2019.3
22.5°	1378.0	1458.0	1554.8	1632.2	1710.9	1743.1	1784.4	1846.4	1910.9	1974.1	2047.6
25°	1343.2	1432.2	1516.1	1598.6	1679.9	1714.8	1752.2	1832.2	1899.3	1980.5	2061.8
27.5°	1305.7	1397.3	1481.2	1556.0	1632.2	1679.9	1719.9	1803.8	1892.8	1981.8	2087.6
30°	1265.7	1352.2	1432.2	1505.7	1589.6	1638.6	1678.6	1776.7	1876.0	1989.6	2116.0
32.5°	1223.2	1304.4	1372.8	1447.7	1536.7	1581.9	1636.0	1743.1	1860.5	1996.0	2154.7
35°	1169.0	1246.4	1307.0	1383.2	1472.2	1530.2	1587.0	1707.0	1843.8	1994.7	2176.7
37.5°	1114.8	1175.4	1233.5	1314.8	1418.0	1470.9	1530.2	1661.9	1818.0	1990.9	2185.7
40°	1050.3	1109.6	1159.9	1242.5	1350.9	1411.5	1473.5	1611.5	1788.3	1976.7	2153.4
42.5°	985.8	1036.1	1091.6	1178.0	1282.5	1347.0	1412.8	1566.4	1749.6	1935.4	2064.4
45°	918.7	957.4	1018.0	1096.7	1207.7	1269.6	1344.4	1510.9	1695.4	1860.5	1925.1
47.5°	849.0	887.7	944.5	1020.6	1130.3	1203.8	1274.8	1441.2	1627.0	1754.7	1754.7
50°	781.9	812.9	868.3	944.5	1055.4	1122.5	1194.8	1371.5	1521.2	1615.4	1531.5
52.5°	709.6	744.5	790.9	870.9	980.6	1041.2	1119.9	1270.9	1412.8	1451.5	1322.5
55°	646.4	674.8	718.7	794.8	896.7	960.0	1027.0	1171.6	1291.5	1289.0	1150.9
57.5°	580.6	603.8	650.3	720.0	814.2	870.9	938.0	1063.2	1161.2	1126.4	996.1
60°	520.0	536.7	581.9	638.7	729.0	781.9	846.4	948.3	1023.2	974.1	842.5
62.5°	456.8	476.1	512.2	567.7	647.7	690.3	738.0	841.2	889.0	845.1	710.9
65°	400.0	415.5	447.7	494.2	566.4	605.1	646.4	731.6	776.7	713.5	602.5
67.5°	343.2	361.3	384.5	425.8	482.6	518.7	554.8	628.4	649.0	592.2	499.3
70°	290.3	305.8	327.7	357.4	405.1	437.4	464.5	525.1	539.3	486.4	412.9
72.5°	238.7	249.0	267.1	291.6	335.5	353.5	381.9	423.2	441.3	393.5	340.6
75°	193.5	201.3	212.9	231.0	260.6	280.0	303.2	341.9	340.6	307.1	269.7
77.5°	149.7	151.0	163.9	180.6	198.7	215.5	227.1	254.2	256.8	236.1	205.2
80°	107.1	111.0	116.1	129.0	144.5	151.0	165.2	181.9	184.5	169.0	148.4
82.5°	68.4	71.0	74.8	82.6	92.9	100.6	108.4	114.8	121.3	112.3	95.5
85°	38.7	40.0	43.9	46.4	51.6	55.5	61.9	68.4	67.1	60.6	55.5
87.5°	19.4	19.4	19.4	21.9	24.5	24.5	27.1	28.4	29.7	27.1	24.5
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

TEST NUMBER: P1034374

CATALOG NUMBER: S125DIW-B1090D770UB2750-4F0-XX-W2A-A1_5000K

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

TEST NUMBER: P1034374

CATALOG NUMBER: S125DIW-B1090D770UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9
2.5°	1589.6	1598.6	1606.4	1612.8	1618.0	1625.7	1620.6	1621.9	1624.4	1629.6	1629.6
5°	1692.8	1707.0	1714.8	1740.6	1747.0	1745.7	1741.8	1762.5	1761.2	1753.5	1752.2
7.5°	1793.5	1818.0	1839.9	1860.5	1867.0	1883.8	1887.6	1896.7	1894.1	1907.0	1900.5
10°	1885.1	1923.8	1944.4	1975.4	1983.1	1990.9	2001.2	2006.3	2018.0	2016.7	2016.7
12.5°	1956.0	2002.5	2029.6	2037.3	2067.0	2076.0	2085.1	2101.8	2098.0	2099.2	2107.0
15°	2011.5	2056.7	2079.9	2116.0	2136.7	2147.0	2162.5	2180.5	2178.0	2189.6	2187.0
17.5°	2052.8	2095.4	2138.0	2192.1	2193.4	2220.5	2256.7	2264.4	2281.2	2269.6	2269.6
20°	2086.3	2143.1	2203.8	2273.4	2281.2	2297.9	2341.8	2371.5	2390.8	2384.4	2388.3
22.5°	2122.5	2203.8	2274.7	2344.4	2381.8	2411.5	2454.1	2500.5	2517.3	2527.6	2525.0
25°	2168.9	2254.1	2358.6	2455.4	2494.1	2550.8	2607.6	2652.8	2665.7	2694.1	2668.3
27.5°	2216.7	2336.7	2467.0	2580.5	2629.5	2676.0	2744.4	2777.9	2794.7	2807.6	2798.6
30°	2256.7	2421.8	2563.7	2668.3	2703.1	2730.2	2768.9	2776.6	2770.2	2780.5	2793.4
32.5°	2318.6	2479.9	2599.9	2650.2	2646.3	2645.0	2615.3	2574.1	2565.0	2540.5	2574.1
35°	2352.1	2481.2	2527.6	2460.5	2433.4	2384.4	2290.2	2228.3	2174.1	2162.5	2165.1
37.5°	2332.8	2383.1	2327.6	2150.9	2107.0	2032.2	1907.0	1819.3	1779.3	1748.3	1788.3
40°	2228.3	2172.8	2020.5	1805.1	1741.8	1670.9	1553.5	1505.7	1449.0	1437.3	1490.2
42.5°	2055.4	1886.4	1670.9	1504.4	1438.6	1398.6	1300.6	1255.4	1215.4	1197.4	1227.0
45°	1820.6	1615.4	1398.6	1261.9	1206.4	1158.7	1100.6	1052.8	1027.0	1019.3	1043.8
47.5°	1578.0	1361.2	1188.3	1086.4	1028.3	992.2	938.0	910.9	890.3	892.9	896.7
50°	1345.7	1148.3	1015.4	913.5	885.1	856.7	820.6	797.4	787.1	790.9	788.3
52.5°	1145.7	985.8	873.5	794.8	781.9	754.8	725.1	705.8	701.9	703.2	707.1
55°	970.3	845.1	756.1	699.3	685.1	665.8	647.7	634.8	624.5	628.4	627.1
57.5°	837.4	727.7	659.3	612.9	602.5	590.9	574.2	567.7	563.8	556.1	562.6
60°	720.0	630.9	571.6	543.2	534.2	526.4	508.4	500.6	498.0	494.2	504.5
62.5°	609.0	545.8	500.6	474.8	465.8	458.0	449.0	442.6	443.8	438.7	443.8
65°	521.3	469.7	437.4	414.2	402.6	397.4	396.1	385.8	384.5	385.8	387.1
67.5°	440.0	396.1	371.6	357.4	348.4	343.2	339.3	332.9	338.0	334.2	336.8
70°	366.4	336.8	311.0	296.8	292.9	294.2	287.7	285.1	286.4	283.9	286.4
72.5°	295.5	271.0	260.6	250.3	245.1	243.9	240.0	236.1	240.0	238.7	238.7
75°	236.1	218.1	206.4	200.0	200.0	197.4	191.0	191.0	191.0	189.7	191.0
77.5°	181.9	166.4	161.3	154.8	154.8	151.0	149.7	149.7	147.1	151.0	148.4
80°	135.5	123.9	116.1	112.3	112.3	111.0	108.4	107.1	108.4	107.1	107.1
82.5°	87.7	82.6	78.7	74.8	73.5	74.8	73.5	71.0	72.3	71.0	73.5
85°	50.3	45.2	45.2	42.6	43.9	41.3	42.6	40.0	38.7	42.6	40.0
87.5°	21.9	20.6	20.6	18.1	18.1	18.1	16.8	18.1	16.8	15.5	16.8
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: P1034374

CATALOG NUMBER: S125DIW-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: P1034374

CATALOG NUMBER: S125DIW-B1090D770UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9
2.5°	1627.0	1618.0	1620.6	1618.0	1611.5	1607.7	1597.3	1584.4	1579.3	1572.8	1569.0
5°	1757.3	1750.9	1749.6	1739.3	1736.7	1721.2	1695.4	1682.5	1667.0	1651.5	1636.0
7.5°	1899.3	1891.5	1865.7	1861.8	1864.4	1845.1	1811.5	1785.7	1753.5	1731.5	1701.8
10°	2016.7	2001.2	1979.3	1980.5	1971.5	1945.7	1912.2	1885.1	1838.6	1810.2	1767.7
12.5°	2087.6	2074.7	2072.2	2059.2	2051.5	2018.0	1978.0	1943.1	1908.3	1869.6	1837.3
15°	2174.1	2157.3	2145.7	2127.6	2122.5	2087.6	2043.8	2003.8	1963.8	1927.6	1859.3
17.5°	2269.6	2251.5	2207.6	2203.8	2172.8	2139.2	2096.7	2037.3	1994.7	1943.1	1892.8
20°	2377.9	2352.1	2295.4	2281.2	2256.7	2201.2	2143.1	2077.3	2008.9	1956.0	1896.7
22.5°	2499.2	2454.1	2412.8	2367.6	2349.6	2281.2	2201.2	2121.2	2038.6	1966.4	1895.4
25°	2656.6	2597.3	2539.2	2494.1	2463.1	2374.1	2267.0	2161.2	2065.7	1971.5	1878.6
27.5°	2780.5	2728.9	2665.7	2606.3	2566.3	2460.5	2337.9	2201.2	2082.5	1967.6	1868.3
30°	2789.5	2774.1	2735.3	2703.1	2659.2	2545.7	2410.2	2255.4	2108.3	1968.9	1847.6
32.5°	2620.5	2651.5	2668.3	2673.4	2664.4	2598.6	2474.7	2304.4	2131.5	1957.3	1829.6
35°	2256.7	2339.2	2441.2	2479.9	2517.3	2552.1	2487.6	2339.2	2139.2	1954.7	1801.2
37.5°	1858.0	1932.8	2101.8	2179.2	2223.1	2361.2	2414.1	2334.1	2154.7	1957.3	1774.1
40°	1499.3	1618.0	1739.3	1843.8	1912.2	2067.0	2230.9	2248.9	2132.8	1932.8	1739.3
42.5°	1261.9	1331.5	1423.2	1519.9	1580.6	1763.8	1985.7	2116.0	2064.4	1892.8	1696.7
45°	1074.8	1126.4	1212.8	1245.1	1322.5	1498.0	1732.8	1921.2	1947.0	1829.6	1647.7
47.5°	922.5	966.4	1021.9	1061.9	1123.8	1255.4	1454.1	1661.9	1785.7	1743.1	1579.3
50°	812.9	849.0	895.4	918.7	958.7	1077.4	1227.0	1433.5	1599.9	1614.1	1490.2
52.5°	721.3	741.9	778.0	803.8	836.1	908.3	1043.8	1214.1	1401.2	1478.6	1380.6
55°	641.3	658.0	690.3	707.1	723.8	785.8	891.6	1046.4	1221.9	1323.8	1268.3
57.5°	569.0	583.2	610.3	625.8	634.8	694.2	775.4	896.7	1054.1	1178.0	1147.0
60°	509.7	522.6	538.0	549.6	560.0	609.0	665.8	763.8	904.5	1024.5	1016.7
62.5°	446.4	458.0	474.8	486.4	495.5	526.4	574.2	649.0	769.0	880.0	901.9
65°	390.9	400.0	411.6	416.8	428.4	451.6	490.3	557.4	655.5	754.8	770.3
67.5°	340.6	343.2	350.9	362.6	365.1	385.8	420.6	470.9	547.1	628.4	652.9
70°	286.4	290.3	296.8	305.8	311.0	323.9	353.5	387.1	452.9	523.8	541.9
72.5°	238.7	243.9	246.4	251.6	254.2	274.8	287.7	321.3	366.4	425.8	445.1
75°	193.5	198.7	200.0	202.6	205.2	214.2	232.2	252.9	290.3	329.0	354.8
77.5°	153.5	152.3	154.8	158.7	157.4	165.2	176.8	194.8	219.3	251.6	268.4
80°	108.4	108.4	112.3	116.1	114.8	122.6	126.4	139.3	160.0	180.6	187.1
82.5°	72.3	72.3	76.1	76.1	78.7	80.0	85.2	91.6	108.4	118.7	122.6
85°	41.3	41.3	42.6	42.6	42.6	45.2	49.0	51.6	56.8	63.2	65.8
87.5°	16.8	18.1	18.1	18.1	18.1	20.6	20.6	23.2	24.5	27.1	27.1
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: P1034374

CATALOG NUMBER: S125DIW-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: P1034374

CATALOG NUMBER: S125DIW-B1090D770UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9
2.5°	1563.8	1557.3	1549.6	1549.6	1540.6	1536.7	1529.0	1526.4	1519.9	1509.6	1501.9
5°	1619.3	1602.5	1592.2	1583.1	1563.8	1549.6	1535.4	1519.9	1504.4	1486.4	1465.7
7.5°	1673.5	1642.5	1628.3	1612.8	1584.4	1554.8	1526.4	1505.7	1485.1	1456.7	1430.9
10°	1730.2	1691.5	1665.7	1645.1	1601.2	1563.8	1522.5	1492.8	1460.6	1424.4	1390.9
12.5°	1778.0	1727.7	1705.7	1667.0	1616.7	1571.5	1519.9	1474.8	1432.2	1389.6	1348.3
15°	1818.0	1770.2	1716.0	1700.6	1630.9	1566.4	1508.3	1450.2	1397.3	1354.8	1307.0
17.5°	1830.9	1770.2	1743.1	1705.7	1623.1	1556.0	1482.5	1419.3	1369.0	1305.7	1268.3
20°	1834.7	1776.7	1739.3	1704.4	1630.9	1541.9	1469.6	1392.2	1331.5	1268.3	1209.0
22.5°	1824.4	1756.0	1719.9	1686.4	1603.8	1527.7	1443.8	1358.6	1287.7	1229.6	1170.3
25°	1805.1	1725.1	1690.2	1654.1	1575.4	1491.5	1399.9	1318.6	1252.8	1183.2	1125.1
27.5°	1779.3	1687.7	1647.7	1610.2	1532.8	1454.1	1367.7	1283.8	1210.3	1136.7	1082.5
30°	1747.0	1641.2	1605.1	1556.0	1481.2	1406.4	1327.7	1243.8	1161.2	1091.6	1032.2
32.5°	1705.7	1594.8	1547.0	1500.6	1419.3	1350.9	1276.1	1197.4	1117.4	1049.0	987.0
35°	1668.3	1541.9	1489.0	1442.5	1352.2	1279.9	1218.0	1144.5	1073.5	1002.5	947.0
37.5°	1618.0	1489.0	1425.7	1378.0	1286.4	1212.8	1154.8	1098.0	1023.2	954.8	903.2
40°	1565.1	1423.2	1363.8	1316.1	1220.6	1140.6	1085.1	1034.8	974.1	910.9	856.7
42.5°	1517.3	1359.9	1296.7	1238.6	1141.9	1070.9	1014.1	975.4	920.0	863.2	814.2
45°	1456.7	1292.8	1224.5	1163.8	1070.9	993.5	939.3	908.3	867.1	811.6	769.0
47.5°	1394.8	1220.6	1149.6	1090.3	989.6	921.2	868.3	838.7	810.3	766.4	723.8
50°	1313.5	1144.5	1079.9	1011.6	912.2	842.5	798.7	769.0	747.1	716.1	680.0
52.5°	1224.5	1065.8	996.1	936.7	838.7	775.4	725.1	708.4	686.4	663.2	632.2
55°	1130.3	980.6	913.5	855.4	765.1	700.6	659.3	641.3	624.5	606.4	585.8
57.5°	1036.1	891.6	828.3	776.7	692.9	630.9	597.4	572.9	561.3	550.9	534.2
60°	918.7	796.1	747.1	700.6	618.0	561.3	529.0	510.9	500.6	495.5	487.7
62.5°	815.4	714.8	660.6	615.5	549.6	499.3	468.4	454.2	445.1	442.6	433.5
65°	705.8	619.3	576.7	538.0	481.3	436.1	410.3	393.5	387.1	385.8	385.8
67.5°	602.5	532.9	490.3	463.2	414.2	374.2	349.7	343.2	339.3	334.2	332.9
70°	505.8	450.3	412.9	389.7	345.8	316.1	296.8	286.4	286.4	282.6	280.0
72.5°	420.6	365.1	340.6	321.3	285.1	259.3	245.1	242.6	233.5	232.2	232.2
75°	329.0	287.7	271.0	254.2	227.1	209.0	197.4	191.0	185.8	185.8	187.1
77.5°	247.7	219.3	203.9	191.0	171.6	160.0	151.0	148.4	143.2	143.2	143.2
80°	175.5	160.0	148.4	138.1	123.9	113.5	108.4	103.2	103.2	101.9	103.2
82.5°	113.5	100.6	94.2	92.9	80.0	76.1	69.7	71.0	67.1	65.8	68.4
85°	65.8	59.4	51.6	49.0	43.9	38.7	36.1	37.4	36.1	34.8	36.1
87.5°	25.8	21.9	20.6	20.6	16.8	15.5	14.2	15.5	12.9	12.9	14.2
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: P1034374

CATALOG NUMBER: S125DIW-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: P1034374

CATALOG NUMBER: S125DIW-B1090D770UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9
2.5°	1499.3	1496.7	1490.2	1486.4	1473.5	1458.0	1452.8	1439.9	1445.1	1436.1	1436.1
5°	1459.3	1447.7	1439.9	1428.3	1403.8	1387.0	1369.0	1359.9	1354.8	1348.3	1343.2
7.5°	1407.7	1398.6	1390.9	1369.0	1341.9	1318.6	1296.7	1287.7	1270.9	1259.3	1254.1
10°	1362.5	1349.6	1331.5	1305.7	1277.4	1247.7	1228.3	1209.0	1196.1	1189.6	1175.4
12.5°	1316.1	1300.6	1281.2	1243.8	1212.8	1194.8	1159.9	1141.9	1135.4	1130.3	1113.5
15°	1268.3	1251.5	1228.3	1193.5	1166.4	1123.8	1103.2	1089.0	1073.5	1072.2	1059.3
17.5°	1225.7	1205.1	1185.7	1143.2	1109.6	1072.2	1060.6	1045.1	1030.9	1015.4	1009.0
20°	1171.6	1152.2	1138.0	1091.6	1054.1	1030.9	1011.6	998.7	989.6	974.1	971.6
22.5°	1122.5	1101.9	1082.5	1047.7	1015.4	985.8	962.5	948.3	944.5	938.0	926.4
25°	1074.8	1054.1	1030.9	998.7	965.1	944.5	923.8	914.8	907.1	896.7	887.7
27.5°	1034.8	1015.4	993.5	953.5	925.1	909.6	887.7	877.4	867.1	861.9	858.0
30°	987.0	965.1	948.3	917.4	886.4	865.8	850.3	841.2	832.2	827.1	824.5
32.5°	940.6	920.0	908.3	874.8	850.3	825.8	814.2	807.7	802.5	797.4	792.2
35°	903.2	882.5	864.5	833.5	809.0	792.2	783.2	772.9	769.0	763.8	763.8
37.5°	856.7	841.2	823.2	793.5	771.6	758.7	750.9	738.0	736.7	734.2	730.3
40°	816.7	801.2	784.5	758.7	739.3	723.8	713.5	707.1	703.2	700.6	698.0
42.5°	774.2	757.4	749.6	720.0	703.2	687.7	682.5	676.1	674.8	669.6	663.2
45°	732.9	718.7	703.2	681.3	667.1	654.2	646.4	641.3	634.8	633.5	629.6
47.5°	696.7	680.0	665.8	645.1	629.6	619.3	612.9	606.4	601.3	597.4	593.5
50°	650.3	637.4	625.8	603.8	590.9	580.6	571.6	566.4	561.3	561.3	561.3
52.5°	605.1	593.5	583.2	567.7	552.2	543.2	532.9	529.0	526.4	522.6	526.4
55°	561.3	549.6	539.3	527.7	509.7	501.9	491.6	487.7	489.0	489.0	492.9
57.5°	514.8	505.8	499.3	485.1	468.4	460.6	454.2	450.3	450.3	455.5	456.8
60°	469.7	460.6	449.0	436.1	425.8	416.8	412.9	414.2	414.2	416.8	423.2
62.5°	419.3	414.2	407.7	389.7	383.2	376.8	371.6	375.5	374.2	380.6	389.7
65°	372.9	367.7	358.7	349.7	341.9	335.5	334.2	335.5	338.0	344.5	354.8
67.5°	321.3	321.3	313.5	305.8	299.3	292.9	294.2	295.5	298.0	305.8	321.3
70°	278.7	273.5	265.8	260.6	255.5	252.9	250.3	255.5	263.2	268.4	280.0
72.5°	232.2	228.4	221.9	216.8	215.5	212.9	211.6	214.2	221.9	231.0	243.9
75°	183.2	184.5	180.6	176.8	176.8	172.9	175.5	175.5	183.2	192.2	202.6
77.5°	141.9	140.6	139.3	136.8	135.5	135.5	135.5	138.1	145.8	151.0	161.3
80°	100.6	101.9	98.1	99.3	98.1	99.3	99.3	104.5	108.4	114.8	122.6
82.5°	67.1	67.1	64.5	65.8	65.8	65.8	67.1	69.7	74.8	80.0	85.2
85°	37.4	38.7	36.1	38.7	38.7	38.7	40.0	41.3	45.2	46.4	51.6
87.5°	14.2	16.8	16.8	14.2	15.5	16.8	18.1	16.8	19.4	21.9	23.2
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: P1034374

CATALOG NUMBER: S125DIW-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: P1034374

CATALOG NUMBER: S125DIW-B1090D770UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9
2.5°	1441.2	1432.2	1430.9	1433.5	1428.3	1436.1	1433.5	1436.1	1429.6	1436.1	1432.2
5°	1341.9	1339.3	1334.1	1327.7	1329.0	1330.3	1336.7	1330.3	1335.4	1336.7	1343.2
7.5°	1249.0	1243.8	1247.7	1245.1	1233.5	1230.9	1233.5	1237.4	1245.1	1250.3	1254.1
10°	1174.1	1171.6	1166.4	1162.5	1156.1	1152.2	1157.4	1152.2	1162.5	1171.6	1171.6
12.5°	1117.4	1107.0	1100.6	1099.3	1085.1	1087.7	1092.8	1096.7	1108.3	1113.5	1113.5
15°	1058.0	1050.3	1047.7	1042.5	1037.4	1042.5	1039.9	1043.8	1049.0	1054.1	1056.7
17.5°	1006.4	1005.1	1006.4	993.5	997.4	990.9	992.2	998.7	994.8	998.7	1006.4
20°	960.0	962.5	958.7	953.5	953.5	945.8	954.8	952.2	953.5	961.2	972.9
22.5°	925.1	923.8	920.0	916.1	910.9	912.2	913.5	910.9	921.2	927.7	929.0
25°	887.7	885.1	883.8	880.0	874.8	880.0	878.7	880.0	882.5	892.9	885.1
27.5°	852.9	847.7	850.3	846.4	845.1	846.4	846.4	847.7	850.3	851.6	852.9
30°	823.2	818.0	816.7	814.2	812.9	814.2	816.7	814.2	824.5	823.2	823.2
32.5°	790.9	787.1	784.5	784.5	783.2	781.9	783.2	784.5	792.2	787.1	792.2
35°	760.0	757.4	757.4	754.8	753.5	753.5	753.5	758.7	756.1	760.0	760.0
37.5°	730.3	730.3	729.0	726.4	725.1	726.4	725.1	727.7	726.4	727.7	729.0
40°	699.3	696.7	695.4	695.4	691.6	687.7	691.6	691.6	692.9	696.7	698.0
42.5°	661.9	663.2	663.2	658.0	658.0	658.0	659.3	660.6	660.6	663.2	663.2
45°	629.6	627.1	627.1	627.1	624.5	625.8	628.4	628.4	628.4	628.4	625.8
47.5°	593.5	593.5	594.8	594.8	598.7	597.4	597.4	596.1	593.5	593.5	594.8
50°	560.0	563.8	565.1	565.1	566.4	567.7	567.7	565.1	563.8	560.0	560.0
52.5°	527.7	530.3	532.9	536.7	539.3	538.0	538.0	535.5	530.3	529.0	527.7
55°	492.9	496.7	501.9	505.8	509.7	510.9	510.9	505.8	500.6	494.2	494.2
57.5°	460.6	464.5	473.5	477.4	482.6	482.6	480.0	476.1	468.4	463.2	459.3
60°	428.4	434.8	441.3	449.0	455.5	456.8	452.9	447.7	438.7	432.2	427.1
62.5°	393.5	400.0	412.9	420.6	425.8	425.8	425.8	419.3	407.7	398.7	390.9
65°	360.0	366.4	378.0	388.4	392.2	396.1	392.2	385.8	376.8	366.4	358.7
67.5°	325.1	332.9	344.5	352.2	357.4	361.3	358.7	353.5	341.9	327.7	322.6
70°	286.4	290.3	307.1	314.8	322.6	325.1	322.6	314.8	303.2	287.7	282.6
72.5°	250.3	254.2	269.7	276.1	282.6	285.1	281.3	276.1	265.8	251.6	245.1
75°	209.0	215.5	223.2	233.5	241.3	243.9	240.0	236.1	223.2	214.2	209.0
77.5°	165.2	171.6	181.9	191.0	198.7	197.4	192.2	193.5	179.3	169.0	165.2
80°	125.2	130.3	138.1	145.8	149.7	149.7	148.4	143.2	138.1	130.3	123.9
82.5°	86.4	92.9	99.3	104.5	104.5	105.8	103.2	101.9	96.8	90.3	89.0
85°	51.6	52.9	58.1	58.1	63.2	60.6	59.4	63.2	58.1	54.2	52.9
87.5°	23.2	21.9	23.2	23.2	21.9	24.5	24.5	23.2	24.5	23.2	23.2
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: P1034374

CATALOG NUMBER: S125DIW-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: P1034374

CATALOG NUMBER: S125DIW-B1090D770UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9
2.5°	1443.8	1436.1	1445.1	1433.5	1436.1	1450.2	1449.0	1461.9	1469.6	1468.3	1474.8
5°	1348.3	1348.3	1352.2	1350.9	1363.8	1375.4	1390.9	1403.8	1418.0	1425.7	1434.8
7.5°	1254.1	1267.0	1269.6	1276.1	1291.5	1310.9	1326.4	1345.7	1366.4	1380.6	1390.9
10°	1176.7	1187.0	1197.4	1202.5	1219.3	1245.1	1267.0	1298.0	1323.8	1339.3	1353.5
12.5°	1108.3	1119.9	1125.1	1148.3	1159.9	1176.7	1207.7	1241.2	1269.6	1286.4	1298.0
15°	1059.3	1065.8	1077.4	1091.6	1103.2	1123.8	1149.6	1187.0	1214.1	1228.3	1268.3
17.5°	1018.0	1025.8	1032.2	1038.7	1056.7	1078.7	1103.2	1135.4	1170.3	1194.8	1215.4
20°	975.4	979.3	987.0	997.4	1010.3	1030.9	1052.8	1086.4	1117.4	1136.7	1163.8
22.5°	925.1	936.7	944.5	952.2	966.4	989.6	1010.3	1034.8	1073.5	1095.4	1123.8
25°	895.4	900.6	905.8	914.8	925.1	945.8	969.0	994.8	1025.8	1049.0	1073.5
27.5°	856.7	864.5	870.9	882.5	889.0	905.8	927.7	953.5	990.9	1010.3	1030.9
30°	824.5	832.2	837.4	842.5	851.6	869.6	890.3	910.9	945.8	970.3	990.9
32.5°	792.2	800.0	806.4	810.3	819.3	830.9	847.7	873.5	903.2	920.0	947.0
35°	763.8	763.8	771.6	776.7	784.5	794.8	810.3	829.6	860.6	882.5	907.1
37.5°	731.6	732.9	739.3	743.2	750.9	761.3	776.7	794.8	820.6	837.4	861.9
40°	698.0	701.9	704.5	710.9	720.0	723.8	739.3	760.0	785.8	801.2	821.9
42.5°	664.5	667.1	673.5	678.7	686.4	692.9	703.2	722.5	741.9	765.1	781.9
45°	627.1	633.5	637.4	646.4	650.3	656.7	667.1	682.5	705.8	720.0	739.3
47.5°	594.8	597.4	600.0	611.6	619.3	623.2	633.5	642.5	667.1	680.0	698.0
50°	560.0	560.0	563.8	569.0	578.0	585.8	594.8	605.1	624.5	637.4	655.5
52.5°	527.7	523.8	526.4	529.0	538.0	545.8	554.8	569.0	587.1	594.8	610.3
55°	492.9	486.4	490.3	494.2	496.7	507.1	517.4	526.4	540.6	552.2	566.4
57.5°	455.5	454.2	451.6	452.9	459.3	465.8	473.5	485.1	501.9	510.9	518.7
60°	421.9	414.2	411.6	414.2	418.0	421.9	432.2	442.6	456.8	465.8	474.8
62.5°	387.1	379.3	374.2	370.3	374.2	383.2	389.7	397.4	409.0	419.3	427.1
65°	353.5	341.9	336.8	334.2	332.9	339.3	344.5	354.8	365.1	369.0	378.0
67.5°	316.1	305.8	299.3	295.5	295.5	295.5	300.6	311.0	321.3	322.6	331.6
70°	278.7	267.1	260.6	255.5	252.9	255.5	261.9	263.2	272.2	274.8	280.0
72.5°	238.7	228.4	220.6	214.2	215.5	218.1	218.1	220.6	225.8	232.2	232.2
75°	201.3	187.1	183.2	178.1	175.5	175.5	175.5	180.6	184.5	189.7	188.4
77.5°	158.7	151.0	143.2	140.6	136.8	135.5	138.1	138.1	140.6	144.5	145.8
80°	122.6	113.5	108.4	105.8	100.6	99.3	100.6	100.6	104.5	103.2	104.5
82.5°	85.2	78.7	74.8	71.0	68.4	69.7	68.4	68.4	69.7	68.4	68.4
85°	49.0	47.7	45.2	43.9	42.6	40.0	42.6	41.3	40.0	38.7	41.3
87.5°	23.2	21.9	21.9	19.4	19.4	18.1	19.4	19.4	18.1	18.1	18.1
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: P1034374

CATALOG NUMBER: S125DIW-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: P1034374

CATALOG NUMBER: S125DIW-B1090D770UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1519.9	1519.9	1519.9	1519.9
2.5°	1483.8	1496.7	1505.7	1522.5
5°	1450.2	1473.5	1495.4	1518.6
7.5°	1416.7	1443.8	1478.6	1508.3
10°	1379.3	1414.1	1455.4	1495.4
12.5°	1341.9	1383.2	1428.3	1481.2
15°	1296.7	1349.6	1402.5	1459.3
17.5°	1256.7	1310.9	1367.7	1438.6
20°	1211.6	1270.9	1332.8	1405.1
22.5°	1171.6	1237.4	1301.9	1378.0
25°	1126.4	1190.9	1261.9	1343.2
27.5°	1089.0	1148.3	1218.0	1305.7
30°	1043.8	1108.3	1178.0	1265.7
32.5°	1001.2	1063.2	1136.7	1223.2
35°	957.4	1020.6	1086.4	1169.0
37.5°	916.1	970.3	1036.1	1114.8
40°	869.6	929.0	988.3	1050.3
42.5°	827.1	881.2	936.7	985.8
45°	779.3	825.8	878.7	918.7
47.5°	735.4	776.7	818.0	849.0
50°	691.6	723.8	754.8	781.9
52.5°	640.0	676.1	692.9	709.6
55°	593.5	614.2	629.6	646.4
57.5°	548.4	557.4	565.1	580.6
60°	489.0	499.3	508.4	520.0
62.5°	437.4	442.6	445.1	456.8
65°	388.4	387.1	393.5	400.0
67.5°	335.5	334.2	340.6	343.2
70°	283.9	282.6	283.9	290.3
72.5°	234.8	234.8	236.1	238.7
75°	189.7	189.7	191.0	193.5
77.5°	143.2	145.8	144.5	149.7
80°	104.5	101.9	104.5	107.1
82.5°	68.4	71.0	71.0	68.4
85°	38.7	38.7	38.7	38.7
87.5°	16.8	16.8	18.1	19.4
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: P1034374

CATALOG NUMBER: S125DIW-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)