

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: P1032825

Luminaire Tested: S124DIW-B795D770UB2750-4F0-XX-W2A-A_2700K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1032825
REPORT IS A COMBINATION OF REPORTS P998214 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S124DIW-B795D770UB2750-4F0-XX-W2A-A_2700K
Description: Define 4 Direct/Indirect Wall Mount with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

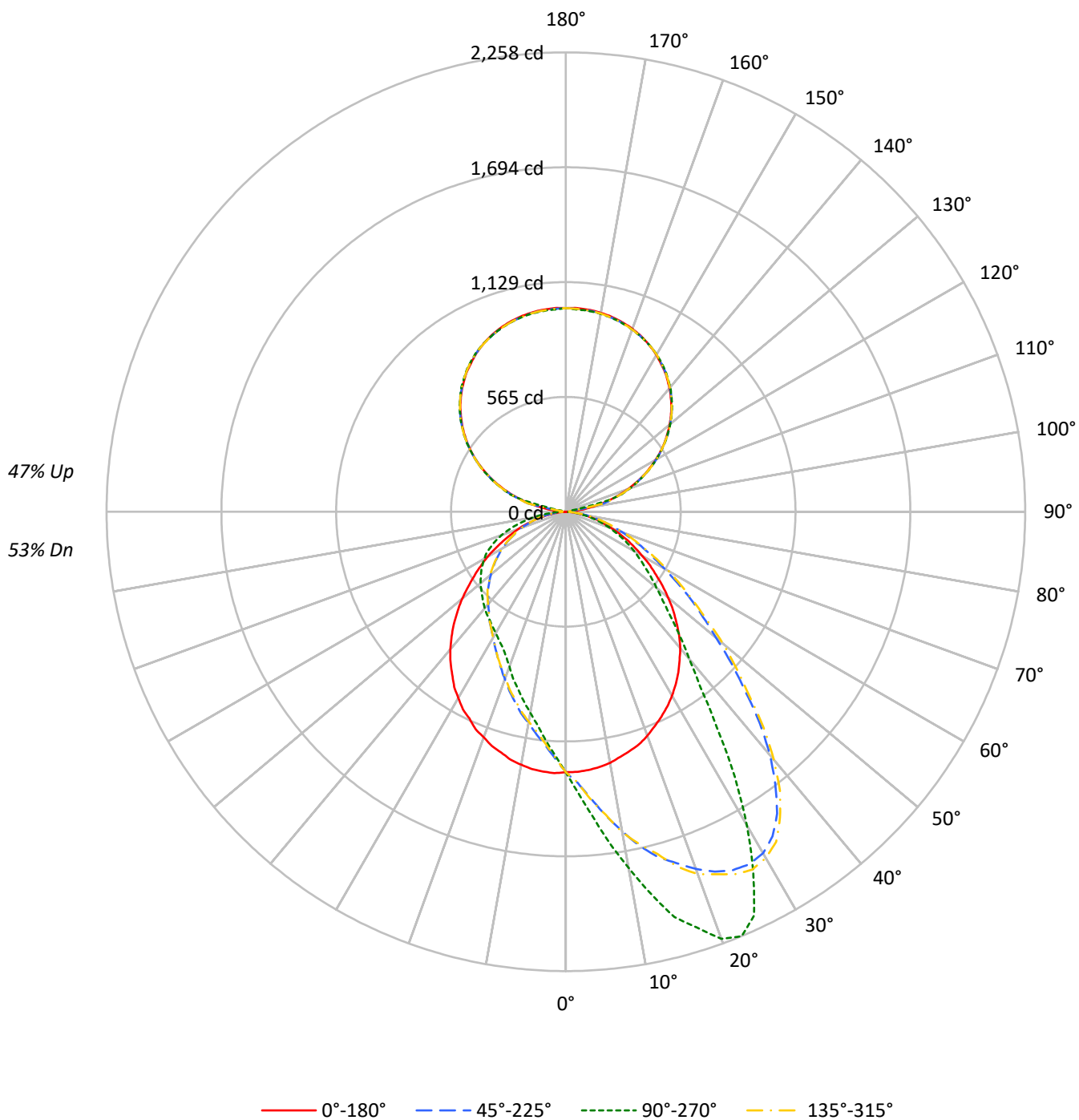
Lumens per Lamp: N/A
Luminaire Lumens: 6630.0 lumens
Efficiency: N/A
Efficacy: 112.2 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.3 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 59.1
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	108	108	108	108	100	100	100	100	85	85	85	72	72	72	59	59	59
1	99	94	91	87	91	88	84	81	75	73	70	63	62	60	53	51	50
2	90	83	77	72	83	77	72	67	66	62	59	56	53	51	47	45	43
3	82	73	66	60	76	68	62	56	58	54	50	50	46	43	42	39	37
4	75	65	57	51	70	60	53	48	52	47	43	44	40	37	37	34	32
5	69	58	50	44	64	54	47	41	47	41	37	40	36	32	34	30	28
6	64	52	44	38	59	49	41	36	42	37	32	36	32	28	31	27	25
7	59	47	39	34	55	44	37	32	38	33	29	33	29	25	28	25	22
8	55	43	35	30	51	40	33	28	35	29	25	30	26	23	26	22	20
9	51	39	32	27	47	37	30	25	32	27	23	28	23	20	24	20	18
10	48	36	29	24	44	34	27	23	30	24	21	26	21	18	22	19	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	10434	10434	10434	10434
5°	10408	11971	10469	8995
10°	10330	13966	10410	7892
15°	10207	16100	10277	7061
20°	10074	17459	10147	6331
25°	9881	17259	9975	5792
30°	9693	14265	9811	5514
35°	9428	10631	9532	5345
40°	9119	8007	9207	5264
45°	8647	6427	8755	5151
50°	8084	5415	8202	5098
55°	7422	4713	7539	5039
60°	6778	4150	6977	4955
65°	6173	3571	6232	4748
70°	5464	2938	5582	4373
75°	4766	2258	4735	3716
80°	3751	1484	3706	2821
85°	2467	667	2314	1645

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 145°

Vertical Angle: 45°

Luminance: 13492 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	124.5	1.9
10°-20°	384.4	5.8
20°-30°	610.7	9.2
30°-40°	678.5	10.2
40°-50°	617.1	9.3
50°-60°	504.3	7.6
60°-70°	359.9	5.4
70°-80°	198.1	3.0
80°-90°	55.6	0.8
90°-100°	33.2	0.5
100°-110°	218.8	3.3
110°-120°	417.8	6.3
120°-130°	530.4	8.0
130°-140°	567.4	8.6
140°-150°	530.5	8.0
150°-160°	427.8	6.5
160°-170°	275.9	4.2
170°-180°	95.1	1.4
0°-30°	1119.6	16.9
0°-40°	1798.1	27.1
0°-60°	2919.5	44.0
0°-90°	3533.1	53.3
90°-120°	669.8	10.1
90°-150°	2298.1	34.7
90°-180°	3097.0	46.7
0°-180°	6630.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1280	1280	1280	1280	1280	
5°	1274	1501	1282	1128	1274	121
15°	1217	2062	1226	904	1217	343
25°	1111	2189	1122	735	1111	512
35°	964	1294	974	651	964	602
45°	769	726	778	582	769	593
55°	541	475	549	508	541	486
65°	337	305	340	406	337	333
75°	165	153	164	251	165	174
85°	34	32	32	78	34	39
90°	2	22	2	22	2	4
95°	41	22	41	22	41	51
105°	225	213	225	213	225	236
115°	421	424	421	424	421	414
125°	591	596	591	596	591	528
135°	734	739	734	739	734	565
145°	846	850	846	850	846	529
155°	928	927	928	927	928	428
165°	978	974	978	974	978	276
175°	1001	995	1001	995	1001	95
180°	1001	1001	1001	1001	1001	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6
2.5°	1279.6	1292.3	1297.6	1301.9	1315.7	1319.9	1321.0	1327.3	1332.6	1333.7	1333.7
5°	1274.3	1294.5	1310.4	1325.2	1347.5	1357.0	1368.7	1381.4	1398.4	1409.0	1414.3
7.5°	1265.8	1295.5	1319.9	1345.3	1376.1	1395.2	1405.8	1439.7	1463.0	1482.1	1505.4
10°	1253.1	1291.3	1326.3	1363.4	1406.8	1430.2	1453.5	1494.8	1527.7	1564.8	1594.5
12.5°	1234.0	1283.9	1326.3	1378.2	1432.3	1459.8	1487.4	1559.5	1597.7	1630.5	1683.5
15°	1217.1	1266.9	1327.3	1380.3	1447.1	1488.5	1528.8	1575.4	1635.8	1706.9	1757.7
17.5°	1198.0	1260.5	1316.7	1390.9	1465.1	1504.4	1537.2	1609.3	1694.1	1764.1	1810.8
20°	1171.5	1235.1	1309.3	1387.7	1475.7	1506.5	1550.0	1646.4	1722.8	1791.7	1868.0
22.5°	1140.7	1214.9	1293.4	1368.7	1459.8	1524.5	1572.2	1657.0	1749.3	1828.8	1914.6
25°	1111.0	1191.6	1260.5	1363.4	1459.8	1503.3	1557.4	1658.1	1758.8	1855.3	1943.3
27.5°	1079.2	1154.5	1247.8	1329.4	1438.6	1486.3	1544.7	1654.9	1762.0	1858.5	1952.8
30°	1044.3	1124.8	1202.2	1298.7	1404.7	1466.2	1520.3	1640.1	1749.3	1850.0	1938.0
32.5°	1005.0	1081.4	1164.1	1255.2	1366.5	1429.1	1496.9	1619.9	1736.5	1823.5	1891.3
35°	963.7	1041.1	1113.2	1206.5	1321.0	1383.5	1449.2	1584.9	1700.5	1771.5	1810.8
37.5°	918.1	991.2	1062.3	1154.5	1269.0	1335.8	1402.6	1534.1	1643.2	1702.6	1692.0
40°	874.6	940.4	1006.1	1093.0	1212.8	1283.9	1342.2	1474.7	1570.1	1595.5	1560.6
42.5°	824.8	881.0	944.6	1033.7	1150.3	1217.1	1290.2	1411.1	1482.1	1471.5	1412.1
45°	768.6	818.4	882.1	965.8	1084.5	1153.5	1214.9	1329.4	1381.4	1354.9	1246.7
47.5°	714.5	763.3	815.3	899.0	1014.6	1072.9	1135.4	1238.3	1268.0	1211.8	1103.6
50°	656.2	696.5	750.6	830.1	938.2	999.7	1051.7	1134.4	1145.0	1076.1	963.7
52.5°	600.1	634.0	685.9	764.4	865.1	913.9	964.7	1037.9	1029.4	958.4	850.2
55°	540.7	572.5	620.2	692.3	781.3	828.0	871.5	936.1	918.1	844.9	750.6
57.5°	490.9	513.1	559.8	626.6	699.7	750.6	787.7	838.6	811.0	737.9	649.9
60°	433.6	461.2	500.4	554.5	626.6	660.5	693.3	727.3	708.2	638.2	559.8
62.5°	381.7	402.9	436.8	488.7	544.9	575.7	610.7	631.9	612.8	548.1	482.4
65°	337.1	354.1	380.6	423.0	477.1	502.5	522.7	542.8	526.9	466.5	418.8
67.5°	288.4	303.2	325.5	359.4	405.0	423.0	442.1	455.9	437.8	397.6	350.9
70°	244.9	255.5	276.7	302.1	334.0	350.9	366.8	380.6	364.7	330.8	295.8
72.5°	200.4	208.9	227.9	246.0	274.6	286.2	297.9	308.5	303.2	271.4	242.8
75°	165.4	168.6	181.3	196.1	214.2	226.9	235.4	241.7	237.5	212.0	194.0
77.5°	125.1	129.3	138.9	150.5	166.4	173.9	179.2	185.5	180.2	160.1	147.4
80°	91.2	92.2	97.5	108.1	118.7	119.8	125.1	133.6	130.4	116.6	107.1
82.5°	58.3	61.5	63.6	70.0	77.4	79.5	82.7	84.8	83.8	75.3	72.1
85°	33.9	33.9	36.0	40.3	42.4	45.6	46.6	47.7	49.8	44.5	41.3
87.5°	14.8	15.9	15.9	17.0	19.1	19.1	20.1	21.2	22.3	21.2	18.0
90°	2.2	4.0	5.9	7.7	9.6	10.5	11.2	12.5	13.8	15.2	16.5
92.5°	11.2	10.9	10.5	10.2	9.9	9.7	10.4	11.7	13.0	14.4	15.7
95°	41.2	35.5	29.9	24.2	18.5	15.7	15.8	16.0	16.1	16.3	16.5
97.5°	78.6	82.3	85.9	89.6	93.3	95.1	86.4	68.9	51.4	34.0	16.5
100°	122.8	125.8	128.8	131.7	134.7	136.2	124.7	101.8	78.8	55.9	32.9
102.5°	172.2	174.2	176.2	178.2	180.2	181.2	182.2	184.2	186.1	188.1	190.1
105°	225.3	226.3	227.3	228.3	229.3	229.8	230.2	231.1	231.9	232.8	233.6
107.5°	274.0	274.5	275.0	275.5	276.0	276.2	276.8	278.0	279.1	280.3	281.5
110°	323.4	323.9	324.4	324.9	325.4	325.6	326.1	327.1	328.1	329.1	330.1

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	371.3	372.3	373.3	374.3	375.3	375.8	376.0	376.3	376.6	377.0	377.3
115°	420.7	421.2	421.7	422.2	422.7	422.9	422.8	422.7	422.5	422.4	422.2
117.5°	464.9	465.6	466.2	466.9	467.6	467.9	468.1	468.6	469.1	469.6	470.1
120°	509.8	510.5	511.1	511.8	512.5	512.8	512.7	512.5	512.4	512.2	512.0
122.5°	551.7	552.0	552.4	552.7	553.0	553.2	553.4	553.7	554.0	554.4	554.7
125°	591.4	592.1	592.7	593.4	594.1	594.4	594.2	593.9	593.6	593.2	592.9
127.5°	629.5	629.7	629.9	630.0	630.2	630.3	630.7	631.5	632.4	633.2	634.0
130°	666.2	666.4	666.6	666.7	666.9	667.0	667.2	667.7	668.2	668.7	669.2
132.5°	699.9	700.2	700.6	700.9	701.2	701.4	701.7	702.4	703.1	703.7	704.4
135°	733.6	733.4	733.2	733.1	732.9	732.8	733.1	733.8	734.5	735.1	735.8
137.5°	763.5	763.5	763.5	763.5	763.5	763.5	763.9	764.8	765.6	766.5	767.3
140°	792.7	793.0	793.4	793.7	794.0	794.2	794.4	794.7	795.0	795.4	795.7
142.5°	818.9	819.6	820.2	820.9	821.6	821.9	822.0	822.2	822.3	822.5	822.7
145°	845.9	846.4	846.9	847.4	847.9	848.1	848.1	848.1	848.1	848.1	848.1
147.5°	866.8	867.8	868.8	869.8	870.8	871.3	871.2	871.1	870.9	870.8	870.6
150°	890.0	890.7	891.3	892.0	892.7	893.0	892.9	892.8	892.6	892.5	892.3
152.5°	909.5	910.0	910.5	911.0	911.5	911.8	911.6	911.3	911.0	910.6	910.3
155°	927.5	927.7	927.8	928.0	928.1	928.2	928.0	927.5	927.0	926.5	926.0
157.5°	943.2	943.2	943.2	943.2	943.2	943.2	942.9	942.2	941.5	940.9	940.2
160°	956.7	956.2	955.7	955.2	954.7	954.4	954.3	954.2	954.0	953.9	953.7
162.5°	968.6	968.0	967.3	966.7	966.0	965.7	965.6	965.4	965.3	965.1	964.9
165°	978.4	977.6	976.7	975.9	975.0	974.6	974.6	974.6	974.6	974.6	974.6
167.5°	986.6	985.8	985.0	984.1	983.3	982.9	982.8	982.6	982.5	982.3	982.1
170°	993.3	992.3	991.3	990.4	989.4	988.9	989.0	989.1	989.3	989.4	989.6
172.5°	997.8	996.8	995.8	994.8	993.8	993.3	993.4	993.6	993.7	993.9	994.1
175°	1000.8	999.8	998.8	997.8	996.8	996.3	996.4	996.6	996.7	996.9	997.1
177.5°	1003.1	1001.9	1000.7	999.6	998.4	997.8	998.0	998.3	998.6	999.0	999.3
180°	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6
2.5°	1336.9	1355.9	1364.4	1366.5	1378.2	1370.8	1374.0	1372.9	1381.4	1382.4	1382.4
5°	1434.4	1456.7	1464.1	1474.7	1490.6	1494.8	1491.6	1498.0	1509.7	1501.2	1513.9
7.5°	1537.2	1561.6	1578.6	1601.9	1607.2	1621.0	1629.5	1636.9	1639.0	1640.1	1642.2
10°	1632.6	1663.4	1686.7	1725.9	1734.4	1741.8	1778.9	1764.1	1783.2	1776.8	1778.9
12.5°	1710.0	1770.5	1789.6	1855.3	1861.6	1887.1	1885.0	1908.3	1912.5	1921.0	1912.5
15°	1811.8	1881.8	1912.5	1949.6	1970.8	2000.5	2005.8	2037.6	2050.3	2062.0	2050.3
17.5°	1905.1	1942.2	2020.7	2050.3	2064.1	2080.0	2120.3	2132.0	2151.1	2143.6	2164.8
20°	1951.8	2004.8	2087.5	2138.3	2159.5	2174.4	2208.3	2226.3	2233.8	2233.8	2235.9
22.5°	1993.1	2069.4	2130.9	2189.2	2208.3	2218.9	2239.1	2252.8	2256.0	2258.1	2260.3
25°	2030.2	2099.1	2148.9	2181.8	2189.2	2189.2	2200.9	2192.4	2178.6	2189.2	2195.6
27.5°	2030.2	2079.0	2101.2	2112.9	2112.9	2084.3	2067.3	2032.3	2002.6	1994.2	2013.2
30°	1996.3	2018.5	1987.8	1959.2	1936.9	1917.8	1851.0	1798.0	1787.4	1780.0	1808.6
32.5°	1917.8	1889.2	1828.8	1746.1	1713.2	1669.8	1617.8	1577.5	1553.1	1544.7	1538.3
35°	1778.9	1704.7	1626.3	1515.0	1491.6	1436.5	1365.5	1335.8	1295.5	1294.5	1308.2
37.5°	1627.3	1512.8	1428.0	1322.0	1289.2	1230.8	1164.1	1133.3	1105.7	1084.5	1110.0
40°	1450.3	1350.6	1221.3	1134.4	1087.7	1057.0	1000.8	966.9	954.1	943.5	959.4
42.5°	1284.9	1175.7	1075.0	985.9	947.8	912.8	875.7	842.8	833.3	832.2	843.9
45°	1120.6	1013.5	920.2	843.9	819.5	798.3	762.3	752.7	736.8	726.2	731.5
47.5°	989.1	878.9	801.5	743.2	722.0	703.9	680.6	664.7	650.9	646.7	653.1
50°	859.8	785.6	706.1	657.3	641.4	624.4	606.4	591.6	585.2	581.0	585.2
52.5°	755.9	676.4	622.3	583.1	567.2	554.5	541.7	535.4	526.9	529.0	533.3
55°	662.6	592.6	547.0	518.4	508.9	503.6	487.7	480.3	477.1	475.0	477.1
57.5°	574.6	523.7	489.8	465.4	452.7	449.5	436.8	436.8	433.6	430.4	431.5
60°	504.6	461.2	428.3	409.2	407.1	401.8	393.3	392.3	384.8	388.0	389.1
62.5°	433.6	398.6	376.4	364.7	357.3	355.2	349.9	348.8	345.6	346.7	344.6
65°	377.4	348.8	326.5	317.0	313.8	312.7	308.5	305.3	303.2	305.3	303.2
67.5°	321.2	302.1	285.2	275.6	271.4	270.3	267.2	265.0	266.1	262.9	265.0
70°	268.2	249.1	238.5	233.2	231.1	227.9	227.9	227.9	227.9	225.8	224.8
72.5°	225.8	206.7	199.3	196.1	194.0	192.9	189.8	190.8	189.8	188.7	192.9
75°	179.2	167.5	160.1	156.9	159.0	155.8	152.7	154.8	151.6	152.7	156.9
77.5°	135.7	130.4	126.2	124.0	121.9	119.8	119.8	117.7	117.7	117.7	117.7
80°	98.6	97.5	90.1	89.1	89.1	86.9	86.9	86.9	86.9	85.9	86.9
82.5°	65.7	64.7	62.5	61.5	59.4	60.4	60.4	58.3	58.3	57.2	58.3
85°	38.2	38.2	36.0	35.0	33.9	35.0	32.9	31.8	32.9	31.8	32.9
87.5°	18.0	15.9	17.0	15.9	13.8	14.8	12.7	13.8	12.7	11.7	13.8
90°	17.5	18.5	19.5	20.5	21.0	21.2	21.5	21.8	22.2	22.5	22.2
92.5°	16.7	17.7	18.7	19.7	20.2	20.2	20.2	20.2	20.2	20.2	20.2
95°	17.5	18.5	19.5	20.5	21.0	21.1	21.2	21.4	21.5	21.7	21.5
97.5°	17.3	18.1	19.0	19.8	20.2	20.3	20.5	20.6	20.8	21.0	20.8
100°	30.1	27.3	24.4	21.6	20.2	20.3	20.5	20.6	20.8	21.0	20.8
102.5°	152.7	115.3	77.8	40.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7
105°	235.1	236.6	238.1	239.6	240.3	237.3	231.3	225.3	219.3	213.3	219.3
107.5°	282.3	283.1	284.0	284.8	285.2	285.5	286.2	286.9	287.5	288.2	287.5
110°	330.4	330.8	331.1	331.4	331.6	331.9	332.4	332.9	333.4	333.9	333.4

TEST NUMBER: P1032825

CATALOG NUMBER: S124DIW-B795D770UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	377.1	376.9	376.8	376.6	376.5	376.8	377.5	378.2	378.8	379.5	378.8
115°	422.5	422.9	423.2	423.5	423.7	423.7	423.7	423.7	423.7	423.7	423.7
117.5°	469.9	469.8	469.6	469.5	469.4	469.4	469.4	469.4	469.4	469.4	469.4
120°	512.3	512.7	513.0	513.3	513.5	513.3	513.0	512.7	512.3	512.0	512.3
122.5°	554.9	555.0	555.2	555.3	555.4	555.2	554.9	554.6	554.2	553.9	554.2
125°	593.4	593.9	594.4	594.9	595.1	595.2	595.4	595.5	595.7	595.9	595.7
127.5°	633.8	633.7	633.5	633.4	633.3	633.2	633.0	632.9	632.7	632.5	632.7
130°	669.4	669.6	669.7	669.9	670.0	670.0	670.0	670.0	670.0	670.0	670.0
132.5°	704.6	704.8	704.9	705.1	705.2	705.1	704.9	704.8	704.6	704.4	704.6
135°	736.1	736.5	736.8	737.1	737.3	737.5	737.8	738.1	738.5	738.8	738.5
137.5°	767.6	768.0	768.3	768.6	768.8	768.7	768.5	768.4	768.2	768.0	768.2
140°	796.2	796.7	797.2	797.7	798.0	798.1	798.2	798.4	798.5	798.7	798.5
142.5°	823.0	823.4	823.7	824.0	824.2	824.2	824.2	824.2	824.2	824.2	824.2
145°	848.3	848.5	848.6	848.8	848.9	849.1	849.4	849.7	850.1	850.4	850.1
147.5°	870.8	870.9	871.1	871.2	871.3	871.4	871.6	871.7	871.9	872.1	871.9
150°	892.3	892.3	892.3	892.3	892.3	892.4	892.5	892.7	892.8	893.0	892.8
152.5°	910.6	911.0	911.3	911.6	911.8	911.7	911.5	911.4	911.2	911.0	911.2
155°	926.7	927.3	928.0	928.7	929.0	928.7	928.2	927.7	927.2	926.7	927.2
157.5°	941.0	941.8	942.7	943.5	943.9	943.5	942.7	941.8	941.0	940.2	941.0
160°	954.7	955.7	956.7	957.7	958.2	957.7	956.7	955.7	954.7	953.7	954.7
162.5°	965.9	966.9	967.9	968.9	969.4	968.8	967.7	966.5	965.4	964.2	965.4
165°	975.9	977.3	978.6	979.9	980.6	979.9	978.4	976.9	975.4	973.9	975.4
167.5°	983.6	985.1	986.6	988.1	988.9	988.1	986.4	984.7	983.1	981.4	983.1
170°	990.9	992.3	993.6	994.9	995.6	994.8	993.1	991.4	989.8	988.1	989.8
172.5°	995.4	996.8	998.1	999.4	1000.1	999.2	997.4	995.5	993.7	991.9	993.7
175°	998.6	1000.1	1001.6	1003.1	1003.8	1002.8	1000.8	998.8	996.8	994.8	996.8
177.5°	1000.6	1002.0	1003.3	1004.6	1005.3	1004.3	1002.3	1000.3	998.3	996.3	998.3
180°	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8

TEST NUMBER: P1032825

CATALOG NUMBER: S124DIW-B795D770UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6
2.5°	1380.3	1377.1	1372.9	1372.9	1367.6	1367.6	1359.1	1344.3	1331.6	1327.3	1329.4
5°	1498.0	1499.1	1492.7	1487.4	1477.9	1470.4	1456.7	1430.2	1421.7	1404.7	1393.1
7.5°	1632.6	1628.4	1616.7	1608.3	1606.1	1589.2	1559.5	1527.7	1502.2	1485.3	1460.9
10°	1784.2	1767.3	1750.3	1745.0	1732.3	1703.7	1669.8	1634.8	1599.8	1562.7	1521.3
12.5°	1911.5	1878.6	1877.5	1864.8	1840.4	1824.5	1784.2	1734.4	1674.0	1632.6	1586.0
15°	2048.2	2017.5	1992.0	1968.7	1957.1	1910.4	1876.5	1813.9	1741.8	1697.3	1665.5
17.5°	2145.8	2132.0	2088.5	2077.9	2062.0	2007.9	1953.9	1892.4	1829.8	1767.3	1681.4
20°	2224.2	2215.7	2187.1	2172.3	2146.8	2104.4	2038.7	1967.7	1895.6	1806.5	1725.9
22.5°	2258.1	2247.5	2224.2	2211.5	2195.6	2159.5	2103.4	2022.8	1928.4	1848.9	1763.0
25°	2191.4	2210.4	2204.1	2198.8	2192.4	2171.2	2128.8	2057.8	1965.5	1875.4	1768.3
27.5°	2040.8	2073.7	2105.5	2109.7	2120.3	2128.8	2111.8	2061.0	1983.6	1888.1	1770.5
30°	1838.3	1853.2	1917.8	1936.9	1951.8	2005.8	2037.6	2024.9	1965.5	1879.7	1771.5
32.5°	1578.6	1617.8	1683.5	1729.1	1769.4	1829.8	1912.5	1945.4	1924.2	1854.2	1747.1
35°	1332.6	1379.3	1455.6	1513.9	1554.2	1640.1	1737.6	1808.6	1835.1	1800.2	1704.7
37.5°	1131.2	1187.4	1255.2	1277.5	1324.1	1430.2	1564.8	1663.4	1728.1	1731.2	1657.0
40°	979.6	1008.2	1062.3	1096.2	1141.8	1230.8	1362.3	1492.7	1590.2	1623.1	1583.9
42.5°	851.3	873.6	913.9	955.2	996.6	1064.4	1185.3	1307.2	1438.6	1504.4	1503.3
45°	749.5	772.9	800.4	834.3	863.0	936.1	1031.5	1156.6	1270.1	1371.8	1397.3
47.5°	660.5	680.6	714.5	729.4	748.5	817.4	900.1	1016.7	1134.4	1251.0	1280.7
50°	594.7	611.7	635.0	644.6	665.8	716.7	784.5	878.9	1009.3	1116.3	1171.5
52.5°	535.4	548.1	566.1	573.5	588.4	626.6	688.0	762.3	870.4	980.6	1058.0
55°	484.5	493.0	505.7	514.2	524.8	558.7	604.3	671.1	764.4	859.8	935.1
57.5°	436.8	443.1	455.9	460.1	468.6	495.1	526.9	583.1	669.0	753.8	826.9
60°	392.3	396.5	403.9	413.5	419.8	437.8	467.5	514.2	583.1	660.5	719.8
62.5°	349.9	356.2	358.3	362.6	367.9	384.8	408.2	442.1	502.5	566.1	628.7
65°	306.4	311.7	315.9	317.0	322.3	335.0	356.2	385.9	425.1	480.3	538.6
67.5°	266.1	269.3	271.4	275.6	280.9	287.3	304.3	326.5	362.6	407.1	453.7
70°	229.0	229.0	232.2	233.2	239.6	247.0	254.4	275.6	307.4	343.5	375.3
72.5°	188.7	194.0	192.9	198.2	197.2	202.5	212.0	225.8	249.1	277.8	308.5
75°	153.7	156.9	156.9	156.9	159.0	163.3	168.6	181.3	199.3	222.6	240.7
77.5°	119.8	121.9	121.9	121.9	123.0	127.2	132.5	141.0	153.7	167.5	178.1
80°	85.9	88.0	88.0	90.1	90.1	91.2	96.5	100.7	107.1	117.7	128.3
82.5°	58.3	59.4	61.5	61.5	60.4	62.5	63.6	67.9	74.2	76.3	83.8
85°	31.8	32.9	33.9	33.9	35.0	37.1	36.0	40.3	40.3	44.5	46.6
87.5°	12.7	14.8	14.8	13.8	14.8	14.8	14.8	17.0	18.0	19.1	18.0
90°	21.8	21.5	21.2	21.0	20.5	19.5	18.5	17.5	16.5	15.2	13.8
92.5°	20.2	20.2	20.2	20.2	19.7	18.7	17.7	16.7	15.7	14.4	13.0
95°	21.4	21.2	21.1	21.0	20.5	19.5	18.5	17.5	16.5	16.3	16.1
97.5°	20.6	20.5	20.3	20.2	19.8	19.0	18.1	17.3	16.5	34.0	51.4
100°	20.6	20.5	20.3	20.2	21.6	24.4	27.3	30.1	32.9	55.9	78.8
102.5°	21.7	21.7	21.7	21.7	40.4	77.8	115.3	152.7	190.1	188.1	186.1
105°	225.3	231.3	237.3	240.3	239.6	238.1	236.6	235.1	233.6	232.8	231.9
107.5°	286.9	286.2	285.5	285.2	284.8	284.0	283.1	282.3	281.5	280.3	279.1
110°	332.9	332.4	331.9	331.6	331.4	331.1	330.8	330.4	330.1	329.1	328.1

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CATALOG NUMBER: S124DIW-B795D770UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	378.2	377.5	376.8	376.5	376.6	376.8	376.9	377.1	377.3	377.0	376.6
115°	423.7	423.7	423.7	423.7	423.5	423.2	422.9	422.5	422.2	422.4	422.5
117.5°	469.4	469.4	469.4	469.4	469.5	469.6	469.8	469.9	470.1	469.6	469.1
120°	512.7	513.0	513.3	513.5	513.3	513.0	512.7	512.3	512.0	512.2	512.4
122.5°	554.6	554.9	555.2	555.4	555.3	555.2	555.0	554.9	554.7	554.4	554.0
125°	595.5	595.4	595.2	595.1	594.9	594.4	593.9	593.4	592.9	593.2	593.6
127.5°	632.9	633.0	633.2	633.3	633.4	633.5	633.7	633.8	634.0	633.2	632.4
130°	670.0	670.0	670.0	670.0	669.9	669.7	669.6	669.4	669.2	668.7	668.2
132.5°	704.8	704.9	705.1	705.2	705.1	704.9	704.8	704.6	704.4	703.7	703.1
135°	738.1	737.8	737.5	737.3	737.1	736.8	736.5	736.1	735.8	735.1	734.5
137.5°	768.4	768.5	768.7	768.8	768.6	768.3	768.0	767.6	767.3	766.5	765.6
140°	798.4	798.2	798.1	798.0	797.7	797.2	796.7	796.2	795.7	795.4	795.0
142.5°	824.2	824.2	824.2	824.2	824.0	823.7	823.4	823.0	822.7	822.5	822.3
145°	849.7	849.4	849.1	848.9	848.8	848.6	848.5	848.3	848.1	848.1	848.1
147.5°	871.7	871.6	871.4	871.3	871.2	871.1	870.9	870.8	870.6	870.8	870.9
150°	892.7	892.5	892.4	892.3	892.3	892.3	892.3	892.3	892.3	892.5	892.6
152.5°	911.4	911.5	911.7	911.8	911.6	911.3	911.0	910.6	910.3	910.6	911.0
155°	927.7	928.2	928.7	929.0	928.7	928.0	927.3	926.7	926.0	926.5	927.0
157.5°	941.8	942.7	943.5	943.9	943.5	942.7	941.8	941.0	940.2	940.9	941.5
160°	955.7	956.7	957.7	958.2	957.7	956.7	955.7	954.7	953.7	953.9	954.0
162.5°	966.5	967.7	968.8	969.4	968.9	967.9	966.9	965.9	964.9	965.1	965.3
165°	976.9	978.4	979.9	980.6	979.9	978.6	977.3	975.9	974.6	974.6	974.6
167.5°	984.7	986.4	988.1	988.9	988.1	986.6	985.1	983.6	982.1	982.3	982.5
170°	991.4	993.1	994.8	995.6	994.9	993.6	992.3	990.9	989.6	989.4	989.3
172.5°	995.5	997.4	999.2	1000.1	999.4	998.1	996.8	995.4	994.1	993.9	993.7
175°	998.8	1000.8	1002.8	1003.8	1003.1	1001.6	1000.1	998.6	997.1	996.9	996.7
177.5°	1000.3	1002.3	1004.3	1005.3	1004.6	1003.3	1002.0	1000.6	999.3	999.0	998.6
180°	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8

TEST NUMBER: P1032825

CATALOG NUMBER: S124DIW-B795D770UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6
2.5°	1319.9	1315.7	1312.5	1312.5	1302.9	1293.4	1288.1	1286.0	1283.9	1275.4	1263.7
5°	1374.0	1360.2	1350.6	1341.1	1325.2	1308.2	1291.3	1281.7	1268.0	1248.9	1235.1
7.5°	1434.4	1401.5	1390.9	1379.3	1347.5	1318.8	1295.5	1275.4	1253.1	1228.7	1204.3
10°	1485.3	1450.3	1427.0	1406.8	1365.5	1327.3	1292.3	1262.7	1234.0	1202.2	1172.5
12.5°	1534.1	1484.2	1459.8	1430.2	1386.7	1331.6	1286.0	1248.9	1206.5	1173.6	1137.6
15°	1601.9	1518.1	1477.9	1458.8	1400.5	1335.8	1280.7	1225.5	1190.6	1140.7	1108.9
17.5°	1612.5	1544.7	1518.1	1469.4	1399.4	1326.3	1262.7	1207.5	1154.5	1110.0	1068.6
20°	1649.6	1560.6	1518.1	1487.4	1395.2	1321.0	1251.0	1180.0	1129.1	1081.4	1034.7
22.5°	1672.9	1572.2	1527.7	1478.9	1390.9	1301.9	1219.2	1157.7	1095.1	1046.4	1009.3
25°	1666.6	1565.9	1516.0	1470.4	1363.4	1274.3	1200.1	1121.6	1063.3	1010.3	961.6
27.5°	1663.4	1550.0	1496.9	1446.1	1345.3	1252.0	1158.8	1095.1	1030.5	969.0	932.9
30°	1654.9	1529.8	1468.3	1413.2	1308.2	1210.7	1131.2	1057.0	992.3	936.1	888.4
32.5°	1626.3	1495.9	1436.5	1377.1	1268.0	1170.4	1089.8	1020.9	956.3	898.0	852.4
35°	1588.1	1455.6	1390.9	1328.4	1219.2	1120.6	1046.4	974.3	913.9	857.7	814.2
37.5°	1550.0	1409.0	1348.5	1276.4	1175.7	1072.9	996.6	931.9	875.7	817.4	769.7
40°	1494.8	1353.8	1287.0	1225.5	1107.9	1011.4	941.4	883.1	828.0	772.9	732.6
42.5°	1419.6	1293.4	1224.5	1156.6	1046.4	951.0	883.1	831.2	779.2	733.6	689.1
45°	1343.2	1220.2	1158.8	1098.3	978.5	888.4	825.9	778.2	734.7	684.9	648.8
47.5°	1251.0	1147.1	1085.6	1026.2	912.8	822.7	765.4	720.9	680.6	639.3	605.4
50°	1156.6	1066.5	1010.3	948.8	840.7	759.1	702.9	665.8	632.9	593.7	566.1
52.5°	1054.9	976.4	928.7	869.3	773.9	698.6	641.4	604.3	576.7	548.1	523.7
55°	946.7	889.5	838.6	790.9	700.8	632.9	582.0	549.2	530.1	503.6	482.4
57.5°	849.2	794.1	763.3	709.2	630.8	564.0	523.7	496.2	473.9	458.0	441.0
60°	747.4	702.9	669.0	629.7	560.8	504.6	462.2	446.3	423.0	411.3	403.9
62.5°	649.9	618.1	586.3	556.6	495.1	442.1	410.3	390.1	376.4	364.7	358.3
65°	557.6	528.0	505.7	479.2	428.3	385.9	356.2	340.3	326.5	323.3	315.9
67.5°	467.5	454.8	430.4	409.2	365.8	332.9	310.6	290.5	283.1	279.9	273.5
70°	391.2	376.4	357.3	339.3	306.4	277.8	257.6	250.2	239.6	238.5	231.1
72.5°	322.3	304.3	290.5	276.7	252.3	226.9	216.3	205.7	200.4	196.1	192.9
75°	255.5	242.8	233.2	221.6	200.4	183.4	168.6	164.3	161.1	160.1	158.0
77.5°	190.8	182.3	178.1	166.4	151.6	136.8	130.4	124.0	124.0	121.9	123.0
80°	135.7	130.4	125.1	118.7	106.0	99.7	94.4	90.1	88.0	86.9	88.0
82.5°	85.9	82.7	81.6	77.4	68.9	65.7	61.5	58.3	58.3	58.3	58.3
85°	47.7	47.7	47.7	41.3	38.2	35.0	32.9	31.8	31.8	31.8	32.9
87.5°	20.1	20.1	17.0	17.0	15.9	13.8	12.7	12.7	13.8	13.8	14.8
90°	12.5	11.2	10.5	9.6	7.7	5.9	4.0	2.2	4.0	5.9	7.7
92.5°	11.7	10.4	9.7	9.9	10.2	10.5	10.9	11.2	10.9	10.5	10.2
95°	16.0	15.8	15.7	18.5	24.2	29.9	35.5	41.2	35.5	29.9	24.2
97.5°	68.9	86.4	95.1	93.3	89.6	85.9	82.3	78.6	82.3	85.9	89.6
100°	101.8	124.7	136.2	134.7	131.7	128.8	125.8	122.8	125.8	128.8	131.7
102.5°	184.2	182.2	181.2	180.2	178.2	176.2	174.2	172.2	174.2	176.2	178.2
105°	231.1	230.2	229.8	229.3	228.3	227.3	226.3	225.3	226.3	227.3	228.3
107.5°	278.0	276.8	276.2	276.0	275.5	275.0	274.5	274.0	274.5	275.0	275.5
110°	327.1	326.1	325.6	325.4	324.9	324.4	323.9	323.4	323.9	324.4	324.9

TEST NUMBER: P1032825

CATALOG NUMBER: S124DIW-B795D770UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	376.3	376.0	375.8	375.3	374.3	373.3	372.3	371.3	372.3	373.3	374.3
115°	422.7	422.8	422.9	422.7	422.2	421.7	421.2	420.7	421.2	421.7	422.2
117.5°	468.6	468.1	467.9	467.6	466.9	466.2	465.6	464.9	465.6	466.2	466.9
120°	512.5	512.7	512.8	512.5	511.8	511.1	510.5	509.8	510.5	511.1	511.8
122.5°	553.7	553.4	553.2	553.0	552.7	552.4	552.0	551.7	552.0	552.4	552.7
125°	593.9	594.2	594.4	594.1	593.4	592.7	592.1	591.4	592.1	592.7	593.4
127.5°	631.5	630.7	630.3	630.2	630.0	629.9	629.7	629.5	629.7	629.9	630.0
130°	667.7	667.2	667.0	666.9	666.7	666.6	666.4	666.2	666.4	666.6	666.7
132.5°	702.4	701.7	701.4	701.2	700.9	700.6	700.2	699.9	700.2	700.6	700.9
135°	733.8	733.1	732.8	732.9	733.1	733.2	733.4	733.6	733.4	733.2	733.1
137.5°	764.8	763.9	763.5	763.5	763.5	763.5	763.5	763.5	763.5	763.5	763.5
140°	794.7	794.4	794.2	794.0	793.7	793.4	793.0	792.7	793.0	793.4	793.7
142.5°	822.2	822.0	821.9	821.6	820.9	820.2	819.6	818.9	819.6	820.2	820.9
145°	848.1	848.1	848.1	847.9	847.4	846.9	846.4	845.9	846.4	846.9	847.4
147.5°	871.1	871.2	871.3	870.8	869.8	868.8	867.8	866.8	867.8	868.8	869.8
150°	892.8	892.9	893.0	892.7	892.0	891.3	890.7	890.0	890.7	891.3	892.0
152.5°	911.3	911.6	911.8	911.5	911.0	910.5	910.0	909.5	910.0	910.5	911.0
155°	927.5	928.0	928.2	928.1	928.0	927.8	927.7	927.5	927.7	927.8	928.0
157.5°	942.2	942.9	943.2	943.2	943.2	943.2	943.2	943.2	943.2	943.2	943.2
160°	954.2	954.3	954.4	954.7	955.2	955.7	956.2	956.7	956.2	955.7	955.2
162.5°	965.4	965.6	965.7	966.0	966.7	967.3	968.0	968.6	968.0	967.3	966.7
165°	974.6	974.6	974.6	975.0	975.9	976.7	977.6	978.4	977.6	976.7	975.9
167.5°	982.6	982.8	982.9	983.3	984.1	985.0	985.8	986.6	985.8	985.0	984.1
170°	989.1	989.0	988.9	989.4	990.4	991.3	992.3	993.3	992.3	991.3	990.4
172.5°	993.6	993.4	993.3	993.8	994.8	995.8	996.8	997.8	996.8	995.8	994.8
175°	996.6	996.4	996.3	996.8	997.8	998.8	999.8	1000.8	999.8	998.8	997.8
177.5°	998.3	998.0	997.8	998.4	999.6	1000.7	1001.9	1003.1	1001.9	1000.7	999.6
180°	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8

TEST NUMBER: P1032825

CATALOG NUMBER: S124DIW-B795D770UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6
2.5°	1260.5	1256.3	1258.4	1247.8	1238.3	1224.5	1212.8	1210.7	1208.6	1214.9	1210.7
5°	1224.5	1219.2	1213.9	1201.2	1182.1	1170.4	1153.5	1152.4	1146.0	1136.5	1138.6
7.5°	1185.3	1182.1	1174.7	1154.5	1137.6	1117.4	1103.6	1092.0	1086.7	1078.2	1075.0
10°	1153.5	1141.8	1135.4	1113.2	1093.0	1071.8	1053.8	1045.3	1035.8	1028.4	1023.1
12.5°	1110.0	1106.8	1088.8	1070.8	1053.8	1029.4	1015.6	991.2	978.5	984.9	982.8
15°	1081.4	1066.5	1062.3	1036.8	1008.2	992.3	966.9	951.0	945.7	936.1	924.5
17.5°	1043.2	1033.7	1018.8	995.5	962.6	940.4	922.3	907.5	901.1	888.4	878.9
20°	1007.2	991.2	979.6	958.4	926.6	898.0	875.7	866.2	850.2	839.6	834.3
22.5°	974.3	962.6	945.7	913.9	886.3	858.7	832.2	818.4	803.6	797.2	788.8
25°	934.0	914.9	903.3	868.3	838.6	816.3	791.9	773.9	765.4	754.8	752.7
27.5°	894.8	876.8	863.0	832.2	796.2	767.6	752.7	740.0	725.1	725.1	719.8
30°	855.5	842.8	821.6	791.9	758.0	730.5	713.5	701.8	696.5	692.3	691.2
32.5°	816.3	799.4	786.6	746.4	720.9	695.5	682.7	673.2	666.8	665.8	666.8
35°	776.0	757.0	744.2	708.2	682.7	659.4	654.1	645.6	642.5	641.4	646.7
37.5°	733.6	718.8	702.9	673.2	644.6	630.8	620.2	617.0	616.0	622.3	624.4
40°	694.4	681.7	666.8	635.0	613.8	599.0	593.7	590.5	594.7	601.1	604.3
42.5°	657.3	639.3	627.6	599.0	579.9	571.4	565.1	565.1	569.3	576.7	582.0
45°	618.1	604.3	592.6	567.2	550.2	540.7	539.6	540.7	546.0	551.3	557.6
47.5°	579.9	566.1	553.4	532.2	517.4	512.1	511.0	512.1	520.5	528.0	535.4
50°	544.9	530.1	518.4	498.3	486.6	480.3	481.3	486.6	493.0	503.6	513.1
52.5°	503.6	493.0	482.4	464.4	453.7	449.5	452.7	456.9	468.6	476.0	487.7
55°	463.3	453.7	445.3	431.5	423.0	419.8	421.9	428.3	437.8	450.6	464.4
57.5°	426.2	415.6	407.1	397.6	388.0	389.1	390.1	398.6	410.3	421.9	437.8
60°	384.8	378.5	371.1	359.4	355.2	355.2	358.3	367.9	378.5	397.6	411.3
62.5°	347.7	339.3	334.0	326.5	320.2	321.2	328.6	337.1	349.9	365.8	383.8
65°	309.6	300.0	295.8	289.4	287.3	288.4	293.7	306.4	320.2	334.0	350.9
67.5°	267.2	264.0	259.7	253.4	255.5	256.6	261.9	272.5	287.3	301.1	320.2
70°	231.1	224.8	223.7	218.4	218.4	221.6	232.2	239.6	253.4	268.2	288.4
72.5°	192.9	187.6	187.6	183.4	186.6	189.8	195.1	205.7	218.4	233.2	250.2
75°	153.7	151.6	153.7	151.6	151.6	156.9	163.3	171.7	185.5	201.4	215.2
77.5°	118.7	118.7	117.7	120.9	120.9	124.0	132.5	141.0	151.6	164.3	179.2
80°	86.9	86.9	86.9	90.1	93.3	93.3	98.6	109.2	118.7	127.2	141.0
82.5°	59.4	59.4	59.4	61.5	65.7	65.7	72.1	78.5	89.1	96.5	102.8
85°	36.0	36.0	35.0	37.1	38.2	41.3	46.6	50.9	56.2	62.5	68.9
87.5°	15.9	15.9	17.0	18.0	19.1	21.2	23.3	25.4	30.7	32.9	36.0
90°	9.6	10.5	11.2	12.5	13.8	15.2	16.5	17.5	18.5	19.5	20.5
92.5°	9.9	9.7	10.4	11.7	13.0	14.4	15.7	16.7	17.7	18.7	19.7
95°	18.5	15.7	15.8	16.0	16.1	16.3	16.5	17.5	18.5	19.5	20.5
97.5°	93.3	95.1	86.4	68.9	51.4	34.0	16.5	17.3	18.1	19.0	19.8
100°	134.7	136.2	124.7	101.8	78.8	55.9	32.9	30.1	27.3	24.4	21.6
102.5°	180.2	181.2	182.2	184.2	186.1	188.1	190.1	152.7	115.3	77.8	40.4
105°	229.3	229.8	230.2	231.1	231.9	232.8	233.6	235.1	236.6	238.1	239.6
107.5°	276.0	276.2	276.8	278.0	279.1	280.3	281.5	282.3	283.1	284.0	284.8
110°	325.4	325.6	326.1	327.1	328.1	329.1	330.1	330.4	330.8	331.1	331.4

TEST NUMBER: P1032825

CATALOG NUMBER: S124DIW-B795D770UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	375.3	375.8	376.0	376.3	376.6	377.0	377.3	377.1	376.9	376.8	376.6
115°	422.7	422.9	422.8	422.7	422.5	422.4	422.2	422.5	422.9	423.2	423.5
117.5°	467.6	467.9	468.1	468.6	469.1	469.6	470.1	469.9	469.8	469.6	469.5
120°	512.5	512.8	512.7	512.5	512.4	512.2	512.0	512.3	512.7	513.0	513.3
122.5°	553.0	553.2	553.4	553.7	554.0	554.4	554.7	554.9	555.0	555.2	555.3
125°	594.1	594.4	594.2	593.9	593.6	593.2	592.9	593.4	593.9	594.4	594.9
127.5°	630.2	630.3	630.7	631.5	632.4	633.2	634.0	633.8	633.7	633.5	633.4
130°	666.9	667.0	667.2	667.7	668.2	668.7	669.2	669.4	669.6	669.7	669.9
132.5°	701.2	701.4	701.7	702.4	703.1	703.7	704.4	704.6	704.8	704.9	705.1
135°	732.9	732.8	733.1	733.8	734.5	735.1	735.8	736.1	736.5	736.8	737.1
137.5°	763.5	763.5	763.9	764.8	765.6	766.5	767.3	767.6	768.0	768.3	768.6
140°	794.0	794.2	794.4	794.7	795.0	795.4	795.7	796.2	796.7	797.2	797.7
142.5°	821.6	821.9	822.0	822.2	822.3	822.5	822.7	823.0	823.4	823.7	824.0
145°	847.9	848.1	848.1	848.1	848.1	848.1	848.1	848.3	848.5	848.6	848.8
147.5°	870.8	871.3	871.2	871.1	870.9	870.8	870.6	870.8	870.9	871.1	871.2
150°	892.7	893.0	892.9	892.8	892.6	892.5	892.3	892.3	892.3	892.3	892.3
152.5°	911.5	911.8	911.6	911.3	911.0	910.6	910.3	910.6	911.0	911.3	911.6
155°	928.1	928.2	928.0	927.5	927.0	926.5	926.0	926.7	927.3	928.0	928.7
157.5°	943.2	943.2	942.9	942.2	941.5	940.9	940.2	941.0	941.8	942.7	943.5
160°	954.7	954.4	954.3	954.2	954.0	953.9	953.7	954.7	955.7	956.7	957.7
162.5°	966.0	965.7	965.6	965.4	965.3	965.1	964.9	965.9	966.9	967.9	968.9
165°	975.0	974.6	974.6	974.6	974.6	974.6	974.6	975.9	977.3	978.6	979.9
167.5°	983.3	982.9	982.8	982.6	982.5	982.3	982.1	983.6	985.1	986.6	988.1
170°	989.4	988.9	989.0	989.1	989.3	989.4	989.6	990.9	992.3	993.6	994.9
172.5°	993.8	993.3	993.4	993.6	993.7	993.9	994.1	995.4	996.8	998.1	999.4
175°	996.8	996.3	996.4	996.6	996.7	996.9	997.1	998.6	1000.1	1001.6	1003.1
177.5°	998.4	997.8	998.0	998.3	998.6	999.0	999.3	1000.6	1002.0	1003.3	1004.6
180°	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8

TEST NUMBER: P1032825

CATALOG NUMBER: S124DIW-B795D770UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6
2.5°	1207.5	1206.5	1201.2	1203.3	1196.9	1199.0	1202.2	1203.3	1207.5	1204.3	1203.3
5°	1133.3	1131.2	1128.0	1124.8	1123.8	1128.0	1120.6	1122.7	1124.8	1128.0	1132.3
7.5°	1072.9	1071.8	1068.6	1063.3	1061.2	1059.1	1060.2	1067.6	1066.5	1065.5	1072.9
10°	1017.8	1018.8	1012.5	1011.4	1005.0	1004.0	1005.0	1007.2	1010.3	1014.6	1015.6
12.5°	960.5	974.3	962.6	958.4	948.8	954.1	956.3	946.7	952.0	955.2	971.1
15°	924.5	918.1	910.7	910.7	906.4	904.3	899.0	906.4	910.7	917.0	914.9
17.5°	874.6	864.0	859.8	855.5	856.6	860.8	849.2	866.2	866.2	869.3	864.0
20°	831.2	822.7	817.4	815.3	812.1	810.0	808.9	813.1	819.5	821.6	826.9
22.5°	785.6	785.6	777.1	773.9	771.8	768.6	773.9	770.7	775.0	779.2	787.7
25°	747.4	747.4	744.2	740.0	736.8	734.7	737.9	736.8	740.0	745.3	747.4
27.5°	716.7	713.5	712.4	711.4	710.3	711.4	710.3	713.5	716.7	717.7	715.6
30°	690.2	687.0	688.0	688.0	689.1	688.0	687.0	690.2	691.2	689.1	690.2
32.5°	665.8	665.8	667.9	669.0	669.0	670.0	671.1	669.0	670.0	666.8	667.9
35°	645.6	647.8	649.9	650.9	652.0	650.9	653.1	652.0	649.9	647.8	646.7
37.5°	625.5	627.6	631.9	632.9	636.1	637.2	635.0	635.0	634.0	629.7	627.6
40°	604.3	606.4	611.7	614.9	617.0	620.2	618.1	618.1	613.8	609.6	606.4
42.5°	584.1	588.4	593.7	596.9	601.1	601.1	601.1	599.0	593.7	589.4	586.3
45°	564.0	565.1	572.5	577.8	582.0	582.0	582.0	578.8	575.7	567.2	562.9
47.5°	541.7	544.9	553.4	558.7	562.9	564.0	564.0	560.8	554.5	547.0	541.7
50°	517.4	522.7	532.2	539.6	544.9	547.0	543.9	541.7	534.3	525.8	519.5
52.5°	494.0	500.4	512.1	518.4	525.8	526.9	525.8	522.7	514.2	502.5	497.2
55°	470.7	476.0	488.7	499.3	505.7	507.8	505.7	500.4	489.8	478.1	472.8
57.5°	445.3	452.7	466.5	477.1	484.5	485.6	483.4	478.1	469.7	454.8	447.4
60°	418.8	428.3	442.1	452.7	462.2	463.3	461.2	453.7	443.1	428.3	421.9
62.5°	392.3	399.7	415.6	427.2	434.7	440.0	435.7	428.3	417.7	402.9	393.3
65°	361.5	372.1	385.9	396.5	405.0	406.0	403.9	397.6	385.9	370.0	362.6
67.5°	331.8	339.3	353.0	366.8	370.0	373.2	370.0	363.6	354.1	340.3	329.7
70°	295.8	302.1	319.1	328.6	332.9	336.1	334.0	327.6	319.1	306.4	297.9
72.5°	259.7	265.0	280.9	288.4	296.8	295.8	294.7	290.5	278.8	270.3	265.0
75°	221.6	227.9	238.5	248.1	251.3	251.3	251.3	248.1	240.7	226.9	221.6
77.5°	186.6	189.8	198.2	203.6	206.7	207.8	206.7	201.4	197.2	187.6	184.5
80°	143.1	151.6	158.0	159.0	163.3	163.3	163.3	161.1	156.9	147.4	146.3
82.5°	108.1	110.3	116.6	119.8	121.9	120.9	120.9	116.6	115.6	110.3	108.1
85°	73.2	76.3	75.3	79.5	80.6	78.5	78.5	80.6	75.3	76.3	73.2
87.5°	40.3	40.3	42.4	41.3	45.6	45.6	43.5	44.5	42.4	41.3	40.3
90°	21.0	21.2	21.5	21.8	22.2	22.5	22.2	21.8	21.5	21.2	21.0
92.5°	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
95°	21.0	21.1	21.2	21.4	21.5	21.7	21.5	21.4	21.2	21.1	21.0
97.5°	20.2	20.3	20.5	20.6	20.8	21.0	20.8	20.6	20.5	20.3	20.2
100°	20.2	20.3	20.5	20.6	20.8	21.0	20.8	20.6	20.5	20.3	20.2
102.5°	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
105°	240.3	237.3	231.3	225.3	219.3	213.3	219.3	225.3	231.3	237.3	240.3
107.5°	285.2	285.5	286.2	286.9	287.5	288.2	287.5	286.9	286.2	285.5	285.2
110°	331.6	331.9	332.4	332.9	333.4	333.9	333.4	332.9	332.4	331.9	331.6

TEST NUMBER: P1032825

CATALOG NUMBER: S124DIW-B795D770UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	376.5	376.8	377.5	378.2	378.8	379.5	378.8	378.2	377.5	376.8	376.5
115°	423.7	423.7	423.7	423.7	423.7	423.7	423.7	423.7	423.7	423.7	423.7
117.5°	469.4	469.4	469.4	469.4	469.4	469.4	469.4	469.4	469.4	469.4	469.4
120°	513.5	513.3	513.0	512.7	512.3	512.0	512.3	512.7	513.0	513.3	513.5
122.5°	555.4	555.2	554.9	554.6	554.2	553.9	554.2	554.6	554.9	555.2	555.4
125°	595.1	595.2	595.4	595.5	595.7	595.9	595.7	595.5	595.4	595.2	595.1
127.5°	633.3	633.2	633.0	632.9	632.7	632.5	632.7	632.9	633.0	633.2	633.3
130°	670.0	670.0	670.0	670.0	670.0	670.0	670.0	670.0	670.0	670.0	670.0
132.5°	705.2	705.1	704.9	704.8	704.6	704.4	704.6	704.8	704.9	705.1	705.2
135°	737.3	737.5	737.8	738.1	738.5	738.8	738.5	738.1	737.8	737.5	737.3
137.5°	768.8	768.7	768.5	768.4	768.2	768.0	768.2	768.4	768.5	768.7	768.8
140°	798.0	798.1	798.2	798.4	798.5	798.7	798.5	798.4	798.2	798.1	798.0
142.5°	824.2	824.2	824.2	824.2	824.2	824.2	824.2	824.2	824.2	824.2	824.2
145°	848.9	849.1	849.4	849.7	850.1	850.4	850.1	849.7	849.4	849.1	848.9
147.5°	871.3	871.4	871.6	871.7	871.9	872.1	871.9	871.7	871.6	871.4	871.3
150°	892.3	892.4	892.5	892.7	892.8	893.0	892.8	892.7	892.5	892.4	892.3
152.5°	911.8	911.7	911.5	911.4	911.2	911.0	911.2	911.4	911.5	911.7	911.8
155°	929.0	928.7	928.2	927.7	927.2	926.7	927.2	927.7	928.2	928.7	929.0
157.5°	943.9	943.5	942.7	941.8	941.0	940.2	941.0	941.8	942.7	943.5	943.9
160°	958.2	957.7	956.7	955.7	954.7	953.7	954.7	955.7	956.7	957.7	958.2
162.5°	969.4	968.8	967.7	966.5	965.4	964.2	965.4	966.5	967.7	968.8	969.4
165°	980.6	979.9	978.4	976.9	975.4	973.9	975.4	976.9	978.4	979.9	980.6
167.5°	988.9	988.1	986.4	984.7	983.1	981.4	983.1	984.7	986.4	988.1	988.9
170°	995.6	994.8	993.1	991.4	989.8	988.1	989.8	991.4	993.1	994.8	995.6
172.5°	1000.1	999.2	997.4	995.5	993.7	991.9	993.7	995.5	997.4	999.2	1000.1
175°	1003.8	1002.8	1000.8	998.8	996.8	994.8	996.8	998.8	1000.8	1002.8	1003.8
177.5°	1005.3	1004.3	1002.3	1000.3	998.3	996.3	998.3	1000.3	1002.3	1004.3	1005.3
180°	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8

TEST NUMBER: P1032825

CATALOG NUMBER: S124DIW-B795D770UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6
2.5°	1203.3	1209.6	1203.3	1207.5	1209.6	1214.9	1217.1	1226.6	1229.8	1237.2	1237.2
5°	1131.2	1134.4	1135.4	1139.7	1143.9	1154.5	1161.9	1175.7	1191.6	1193.7	1203.3
7.5°	1072.9	1078.2	1086.7	1083.5	1090.9	1106.8	1116.3	1133.3	1149.2	1157.7	1169.4
10°	1020.9	1027.3	1030.5	1033.7	1047.4	1061.2	1076.1	1087.7	1108.9	1121.6	1131.2
12.5°	978.5	973.2	979.6	991.2	1007.2	1015.6	1035.8	1053.8	1069.7	1083.5	1092.0
15°	923.4	927.6	934.0	954.1	958.4	979.6	987.0	1007.2	1036.8	1049.6	1060.2
17.5°	870.4	884.2	896.9	904.3	917.0	934.0	955.2	977.5	996.6	1011.4	1024.1
20°	828.0	841.8	849.2	854.5	867.2	890.5	910.7	938.2	962.6	974.3	991.2
22.5°	794.1	794.1	804.7	820.6	828.0	850.2	867.2	896.9	923.4	938.2	954.1
25°	751.7	758.0	766.5	780.3	790.9	808.9	833.3	858.7	887.4	900.1	920.2
27.5°	716.7	724.1	735.8	738.9	749.5	765.4	790.9	818.4	848.1	861.9	878.9
30°	690.2	694.4	698.6	705.0	714.5	728.3	749.5	773.9	810.0	820.6	841.8
32.5°	666.8	669.0	671.1	676.4	681.7	695.5	712.4	738.9	768.6	784.5	803.6
35°	645.6	643.5	644.6	647.8	653.1	658.4	676.4	698.6	726.2	745.3	760.1
37.5°	625.5	621.3	620.2	620.2	622.3	628.7	642.5	661.5	691.2	707.1	722.0
40°	603.2	599.0	596.9	595.8	594.7	599.0	609.6	628.7	652.0	666.8	683.8
42.5°	582.0	577.8	572.5	571.4	569.3	571.4	578.8	596.9	617.0	631.9	645.6
45°	560.8	553.4	547.0	542.8	543.9	540.7	546.0	559.8	583.1	592.6	606.4
47.5°	537.5	529.0	520.5	516.3	512.1	514.2	516.3	528.0	548.1	557.6	571.4
50°	515.2	503.6	494.0	488.7	485.6	483.4	485.6	497.2	512.1	520.5	532.2
52.5°	489.8	478.1	468.6	460.1	455.9	452.7	453.7	464.4	478.1	486.6	498.3
55°	466.5	451.6	438.9	428.3	425.1	424.1	423.0	430.4	442.1	450.6	460.1
57.5°	440.0	425.1	411.3	398.6	392.3	391.2	391.2	393.3	408.2	414.5	419.8
60°	413.5	397.6	382.7	371.1	361.5	358.3	357.3	361.5	368.9	375.3	382.7
62.5°	383.8	367.9	349.9	339.3	329.7	321.2	324.4	325.5	336.1	339.3	345.6
65°	355.2	337.1	322.3	305.3	294.7	289.4	287.3	289.4	297.9	299.0	303.2
67.5°	322.3	305.3	287.3	275.6	266.1	256.6	254.4	254.4	258.7	261.9	267.2
70°	290.5	273.5	253.4	240.7	231.1	222.6	219.5	218.4	221.6	223.7	229.0
72.5°	253.4	236.4	221.6	207.8	196.1	189.8	186.6	184.5	187.6	189.8	190.8
75°	214.2	200.4	185.5	171.7	164.3	158.0	153.7	150.5	152.7	152.7	152.7
77.5°	177.0	163.3	151.6	142.1	132.5	125.1	121.9	118.7	119.8	119.8	121.9
80°	137.8	128.3	118.7	110.3	101.8	95.4	93.3	90.1	88.0	86.9	86.9
82.5°	101.8	94.4	85.9	78.5	74.2	67.9	65.7	61.5	61.5	60.4	60.4
85°	67.9	63.6	55.1	49.8	46.6	43.5	41.3	39.2	36.0	36.0	35.0
87.5°	36.0	33.9	31.8	25.4	25.4	22.3	21.2	20.1	17.0	18.0	18.0
90°	20.5	19.5	18.5	17.5	16.5	15.2	13.8	12.5	11.2	10.5	9.6
92.5°	19.7	18.7	17.7	16.7	15.7	14.4	13.0	11.7	10.4	9.7	9.9
95°	20.5	19.5	18.5	17.5	16.5	16.3	16.1	16.0	15.8	15.7	18.5
97.5°	19.8	19.0	18.1	17.3	16.5	34.0	51.4	68.9	86.4	95.1	93.3
100°	21.6	24.4	27.3	30.1	32.9	55.9	78.8	101.8	124.7	136.2	134.7
102.5°	40.4	77.8	115.3	152.7	190.1	188.1	186.1	184.2	182.2	181.2	180.2
105°	239.6	238.1	236.6	235.1	233.6	232.8	231.9	231.1	230.2	229.8	229.3
107.5°	284.8	284.0	283.1	282.3	281.5	280.3	279.1	278.0	276.8	276.2	276.0
110°	331.4	331.1	330.8	330.4	330.1	329.1	328.1	327.1	326.1	325.6	325.4

TEST NUMBER: P1032825

CATALOG NUMBER: S124DIW-B795D770UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	376.6	376.8	376.9	377.1	377.3	377.0	376.6	376.3	376.0	375.8	375.3
115°	423.5	423.2	422.9	422.5	422.2	422.4	422.5	422.7	422.8	422.9	422.7
117.5°	469.5	469.6	469.8	469.9	470.1	469.6	469.1	468.6	468.1	467.9	467.6
120°	513.3	513.0	512.7	512.3	512.0	512.2	512.4	512.5	512.7	512.8	512.5
122.5°	555.3	555.2	555.0	554.9	554.7	554.4	554.0	553.7	553.4	553.2	553.0
125°	594.9	594.4	593.9	593.4	592.9	593.2	593.6	593.9	594.2	594.4	594.1
127.5°	633.4	633.5	633.7	633.8	634.0	633.2	632.4	631.5	630.7	630.3	630.2
130°	669.9	669.7	669.6	669.4	669.2	668.7	668.2	667.7	667.2	667.0	666.9
132.5°	705.1	704.9	704.8	704.6	704.4	703.7	703.1	702.4	701.7	701.4	701.2
135°	737.1	736.8	736.5	736.1	735.8	735.1	734.5	733.8	733.1	732.8	732.9
137.5°	768.6	768.3	768.0	767.6	767.3	766.5	765.6	764.8	763.9	763.5	763.5
140°	797.7	797.2	796.7	796.2	795.7	795.4	795.0	794.7	794.4	794.2	794.0
142.5°	824.0	823.7	823.4	823.0	822.7	822.5	822.3	822.2	822.0	821.9	821.6
145°	848.8	848.6	848.5	848.3	848.1	848.1	848.1	848.1	848.1	848.1	847.9
147.5°	871.2	871.1	870.9	870.8	870.6	870.8	870.9	871.1	871.2	871.3	870.8
150°	892.3	892.3	892.3	892.3	892.3	892.5	892.6	892.8	892.9	893.0	892.7
152.5°	911.6	911.3	911.0	910.6	910.3	910.6	911.0	911.3	911.6	911.8	911.5
155°	928.7	928.0	927.3	926.7	926.0	926.5	927.0	927.5	928.0	928.2	928.1
157.5°	943.5	942.7	941.8	941.0	940.2	940.9	941.5	942.2	942.9	943.2	943.2
160°	957.7	956.7	955.7	954.7	953.7	953.9	954.0	954.2	954.3	954.4	954.7
162.5°	968.9	967.9	966.9	965.9	964.9	965.1	965.3	965.4	965.6	965.7	966.0
165°	979.9	978.6	977.3	975.9	974.6	974.6	974.6	974.6	974.6	974.6	975.0
167.5°	988.1	986.6	985.1	983.6	982.1	982.3	982.5	982.6	982.8	982.9	983.3
170°	994.9	993.6	992.3	990.9	989.6	989.4	989.3	989.1	989.0	988.9	989.4
172.5°	999.4	998.1	996.8	995.4	994.1	993.9	993.7	993.6	993.4	993.3	993.8
175°	1003.1	1001.6	1000.1	998.6	997.1	996.9	996.7	996.6	996.4	996.3	996.8
177.5°	1004.6	1003.3	1002.0	1000.6	999.3	999.0	998.6	998.3	998.0	997.8	998.4
180°	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8

TEST NUMBER: P1032825

CATALOG NUMBER: S124DIW-B795D770UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1279.6	1279.6	1279.6	1279.6
2.5°	1244.6	1255.2	1264.8	1279.6
5°	1217.1	1231.9	1252.0	1274.3
7.5°	1185.3	1208.6	1235.1	1265.8
10°	1155.6	1182.1	1216.0	1253.1
12.5°	1124.8	1156.6	1193.7	1234.0
15°	1089.8	1121.6	1163.0	1217.1
17.5°	1058.0	1096.2	1140.7	1198.0
20°	1020.9	1057.0	1105.7	1171.5
22.5°	988.1	1029.4	1083.5	1140.7
25°	952.0	988.1	1042.1	1111.0
27.5°	916.0	960.5	1012.5	1079.2
30°	881.0	918.1	974.3	1044.3
32.5°	842.8	887.4	939.3	1005.0
35°	801.5	843.9	892.7	963.7
37.5°	764.4	805.7	855.5	918.1
40°	723.0	766.5	812.1	874.6
42.5°	682.7	722.0	767.6	824.8
45°	643.5	677.4	718.8	768.6
47.5°	603.2	631.9	670.0	714.5
50°	559.8	590.5	619.1	656.2
52.5°	519.5	546.0	569.3	600.1
55°	480.3	498.3	517.4	540.7
57.5°	438.9	452.7	466.5	490.9
60°	397.6	410.3	417.7	433.6
62.5°	357.3	362.6	372.1	381.7
65°	312.7	320.2	325.5	337.1
67.5°	272.5	275.6	280.9	288.4
70°	230.1	237.5	239.6	244.9
72.5°	194.0	197.2	199.3	200.4
75°	153.7	156.9	159.0	165.4
77.5°	120.9	119.8	124.0	125.1
80°	89.1	85.9	86.9	91.2
82.5°	58.3	59.4	58.3	58.3
85°	36.0	35.0	32.9	33.9
87.5°	15.9	15.9	14.8	14.8
90°	7.7	5.9	4.0	2.2
92.5°	10.2	10.5	10.9	11.2
95°	24.2	29.9	35.5	41.2
97.5°	89.6	85.9	82.3	78.6
100°	131.7	128.8	125.8	122.8
102.5°	178.2	176.2	174.2	172.2
105°	228.3	227.3	226.3	225.3
107.5°	275.5	275.0	274.5	274.0
110°	324.9	324.4	323.9	323.4

TEST NUMBER: P1032825

CATALOG NUMBER: S124DIW-B795D770UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	374.3	373.3	372.3	371.3
115°	422.2	421.7	421.2	420.7
117.5°	466.9	466.2	465.6	464.9
120°	511.8	511.1	510.5	509.8
122.5°	552.7	552.4	552.0	551.7
125°	593.4	592.7	592.1	591.4
127.5°	630.0	629.9	629.7	629.5
130°	666.7	666.6	666.4	666.2
132.5°	700.9	700.6	700.2	699.9
135°	733.1	733.2	733.4	733.6
137.5°	763.5	763.5	763.5	763.5
140°	793.7	793.4	793.0	792.7
142.5°	820.9	820.2	819.6	818.9
145°	847.4	846.9	846.4	845.9
147.5°	869.8	868.8	867.8	866.8
150°	892.0	891.3	890.7	890.0
152.5°	911.0	910.5	910.0	909.5
155°	928.0	927.8	927.7	927.5
157.5°	943.2	943.2	943.2	943.2
160°	955.2	955.7	956.2	956.7
162.5°	966.7	967.3	968.0	968.6
165°	975.9	976.7	977.6	978.4
167.5°	984.1	985.0	985.8	986.6
170°	990.4	991.3	992.3	993.3
172.5°	994.8	995.8	996.8	997.8
175°	997.8	998.8	999.8	1000.8
177.5°	999.6	1000.7	1001.9	1003.1
180°	1000.8	1000.8	1000.8	1000.8

(END OF REPORT)