

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: P1032602

Luminaire Tested: S124DIW-B1195D770UB2750-4F0-XX-W2A-A_3500K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1032602
REPORT IS A COMBINATION OF REPORTS P997226 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S124DIW-B1195D770UB2750-4F0-XX-W2A-A_3500K
Description: Define 4 Direct/Indirect Wall Mount with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

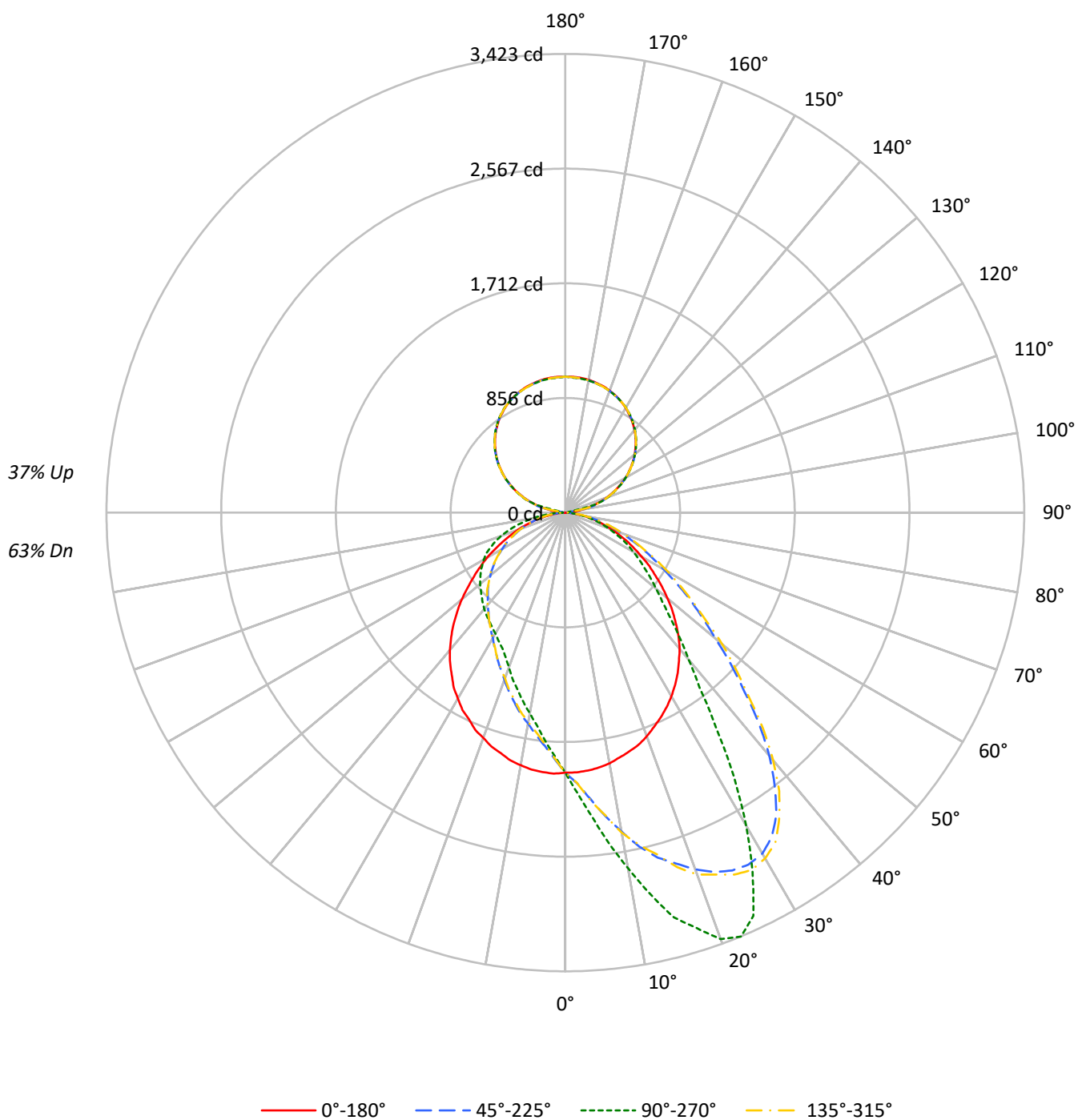
Lumens per Lamp: N/A
Luminaire Lumens: 8492.0 lumens
Efficiency: N/A
Efficacy: 100.5 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.3 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 84.5
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	50	30	10
RCR																				
0	110	110	110	110	103	103	103	103	91	91	91	79	79	79	68	68	68	68	68	68
1	101	97	93	89	95	91	87	84	80	77	75	70	68	66	61	59	58	58	58	58
2	92	85	79	73	86	80	74	70	70	66	63	62	59	56	54	51	49	49	49	49
3	84	75	67	62	79	71	64	59	62	57	53	55	51	48	48	45	42	42	42	42
4	77	66	59	52	72	63	56	50	56	50	46	49	45	41	43	40	37	37	37	37
5	71	59	51	45	67	56	49	43	50	44	40	44	40	36	39	35	32	32	32	32
6	66	53	45	39	61	51	43	38	45	39	35	40	35	32	35	32	29	29	29	29
7	61	48	40	35	57	46	39	33	41	35	31	37	32	28	32	28	25	25	25	25
8	57	44	36	31	53	42	35	30	38	32	27	34	29	25	30	26	23	23	23	23
9	53	40	33	28	49	38	31	27	35	29	25	31	26	23	28	24	21	21	21	21
10	49	37	30	25	46	35	29	24	32	26	22	29	24	21	26	22	19	19	19	19

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15819	15819	15819	15819
5°	15779	18148	15871	13637
10°	15661	21173	15781	11963
15°	15473	24408	15580	10704
20°	15273	26467	15383	9597
25°	14980	26165	15123	8781
30°	14694	21626	14873	8359
35°	14293	16116	14450	8104
40°	13824	12140	13959	7979
45°	13110	9743	13273	7809
50°	12256	8208	12434	7729
55°	11252	7144	11428	7639
60°	10275	6291	10577	7511
65°	9360	5414	9448	7199
70°	8284	4453	8462	6629
75°	7225	3421	7179	5632
80°	5684	2249	5618	4275
85°	3740	1010	3507	2492

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 145°

Vertical Angle: 45°

Luminance: 20455 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	188.8	2.2
10°-20°	582.7	6.9
20°-30°	925.8	10.9
30°-40°	1028.7	12.1
40°-50°	935.5	11.0
50°-60°	764.5	9.0
60°-70°	545.7	6.4
70°-80°	300.3	3.5
80°-90°	83.2	1.0
90°-100°	33.6	0.4
100°-110°	221.6	2.6
110°-120°	423.2	5.0
120°-130°	537.2	6.3
130°-140°	574.7	6.8
140°-150°	537.4	6.3
150°-160°	433.4	5.1
160°-170°	279.5	3.3
170°-180°	96.3	1.1
0°-30°	1697.3	20.0
0°-40°	2726.0	32.1
0°-60°	4425.9	52.1
0°-90°	5355.1	63.1
90°-120°	678.4	8.0
90°-150°	2327.8	27.4
90°-180°	3137.0	36.9
0°-180°	8492.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1940	1940	1940	1940	1940	
5°	1932	2276	1943	1710	1932	183
15°	1845	3126	1858	1371	1845	521
25°	1684	3319	1700	1114	1684	776
35°	1461	1962	1477	987	1461	913
45°	1165	1101	1180	882	1165	899
55°	820	720	832	770	820	737
65°	511	463	516	616	511	505
75°	251	231	249	381	251	263
85°	51	48	48	119	51	60
90°	2	23	2	23	2	5
95°	42	22	42	22	42	51
105°	228	216	228	216	228	239
115°	426	429	426	429	426	419
125°	599	604	599	604	599	535
135°	743	748	743	748	743	573
145°	857	861	857	861	857	535
155°	939	939	939	939	939	433
165°	991	986	991	986	991	280
175°	1014	1008	1014	1008	1014	97
180°	1014	1014	1014	1014	1014	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9
2.5°	1939.9	1959.2	1967.2	1973.6	1994.5	2001.0	2002.6	2012.2	2020.3	2021.9	2021.9
5°	1931.9	1962.4	1986.5	2009.0	2042.8	2057.2	2074.9	2094.2	2119.9	2136.0	2144.0
7.5°	1919.0	1964.0	2001.0	2039.5	2086.2	2115.1	2131.2	2182.6	2217.9	2246.9	2282.2
10°	1899.7	1957.6	2010.6	2066.9	2132.8	2168.1	2203.5	2266.2	2316.0	2372.2	2417.2
12.5°	1870.8	1946.3	2010.6	2089.4	2171.3	2213.1	2254.9	2364.2	2422.1	2471.9	2552.2
15°	1845.1	1920.6	2012.2	2092.6	2193.8	2256.5	2317.6	2388.3	2479.9	2587.6	2664.7
17.5°	1816.1	1911.0	1996.1	2108.7	2221.2	2280.6	2330.4	2439.7	2568.3	2674.4	2745.1
20°	1776.0	1872.4	1984.9	2103.8	2237.2	2283.8	2349.7	2496.0	2611.7	2716.2	2831.9
22.5°	1729.4	1841.9	1960.8	2074.9	2213.1	2311.2	2383.5	2512.1	2651.9	2772.4	2902.6
25°	1684.3	1806.5	1911.0	2066.9	2213.1	2279.0	2361.0	2513.7	2666.4	2812.6	2946.0
27.5°	1636.1	1750.2	1891.7	2015.4	2181.0	2253.3	2341.7	2508.8	2671.2	2817.4	2960.5
30°	1583.1	1705.2	1822.6	1968.8	2129.5	2222.8	2304.7	2486.3	2651.9	2804.6	2938.0
32.5°	1523.6	1639.3	1764.7	1902.9	2071.7	2166.5	2269.4	2455.8	2632.6	2764.4	2867.3
35°	1460.9	1578.3	1687.6	1829.0	2002.6	2097.4	2197.0	2402.8	2578.0	2685.6	2745.1
37.5°	1391.8	1502.7	1610.4	1750.2	1923.8	2025.1	2126.3	2325.6	2491.2	2581.2	2565.1
40°	1325.9	1425.6	1525.2	1657.0	1838.6	1946.3	2034.7	2235.6	2380.3	2418.8	2365.8
42.5°	1250.4	1335.6	1432.0	1567.0	1743.8	1845.1	1956.0	2139.2	2246.9	2230.8	2140.8
45°	1165.2	1240.8	1337.2	1464.2	1644.2	1748.6	1841.9	2015.4	2094.2	2054.0	1890.1
47.5°	1083.3	1157.2	1235.9	1362.9	1538.1	1626.5	1721.3	1877.2	1922.2	1837.0	1673.1
50°	994.9	1055.9	1137.9	1258.4	1422.4	1515.6	1594.3	1719.7	1735.8	1631.3	1460.9
52.5°	909.7	961.1	1039.9	1158.8	1311.5	1385.4	1462.6	1573.5	1560.6	1452.9	1289.0
55°	819.7	867.9	940.2	1049.5	1184.5	1255.2	1321.1	1419.2	1391.8	1280.9	1137.9
57.5°	744.1	777.9	848.6	949.9	1060.8	1137.9	1194.2	1271.3	1229.5	1118.6	985.2
60°	657.3	699.1	758.6	840.6	949.9	1001.3	1051.1	1102.5	1073.6	967.5	848.6
62.5°	578.6	610.7	662.2	740.9	826.1	872.7	925.7	957.9	929.0	830.9	731.3
65°	511.1	536.8	577.0	641.3	723.2	761.8	792.4	822.9	798.8	707.2	634.8
67.5°	437.2	459.7	493.4	544.8	614.0	641.3	670.2	691.1	663.8	602.7	532.0
70°	371.3	387.3	419.5	458.1	506.3	532.0	556.1	577.0	552.9	501.4	448.4
72.5°	303.8	316.6	345.5	372.9	416.3	433.9	451.6	467.7	459.7	411.4	368.0
75°	250.7	255.5	274.8	297.3	324.7	343.9	356.8	366.4	360.0	321.4	294.1
77.5°	189.7	196.1	210.5	228.2	252.3	263.6	271.6	281.3	273.2	242.7	223.4
80°	138.2	139.8	147.9	163.9	180.0	181.6	189.7	202.5	197.7	176.8	162.3
82.5°	88.4	93.2	96.4	106.1	117.3	120.5	125.4	128.6	127.0	114.1	109.3
85°	51.4	51.4	54.6	61.1	64.3	69.1	70.7	72.3	75.5	67.5	62.7
87.5°	22.5	24.1	24.1	25.7	28.9	28.9	30.5	32.1	33.8	32.1	27.3
90°	2.3	4.1	6.0	7.8	9.7	10.6	11.3	12.6	14.0	15.3	16.7
92.5°	11.4	11.1	10.7	10.4	10.1	9.9	10.6	11.9	13.2	14.6	15.9
95°	41.7	36.0	30.2	24.5	18.8	15.9	16.0	16.2	16.3	16.5	16.7
97.5°	79.6	83.3	87.0	90.7	94.4	96.3	87.5	69.8	52.1	34.4	16.7
100°	124.3	127.3	130.4	133.4	136.5	138.0	126.4	103.1	79.9	56.6	33.4
102.5°	174.4	176.4	178.4	180.5	182.5	183.5	184.5	186.5	188.6	190.6	192.6
105°	228.2	229.2	230.2	231.3	232.3	232.8	233.2	234.1	234.9	235.8	236.6
107.5°	277.5	278.0	278.5	279.0	279.5	279.8	280.4	281.6	282.7	283.9	285.1
110°	327.6	328.1	328.6	329.1	329.6	329.8	330.3	331.3	332.4	333.4	334.4

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	376.1	377.1	378.1	379.1	380.1	380.6	380.8	381.1	381.4	381.8	382.1
115°	426.1	426.6	427.1	427.6	428.1	428.4	428.3	428.1	428.0	427.8	427.6
117.5°	470.9	471.6	472.2	472.9	473.6	473.9	474.2	474.7	475.2	475.7	476.2
120°	516.4	517.1	517.7	518.4	519.1	519.4	519.3	519.1	519.0	518.8	518.6
122.5°	558.8	559.1	559.5	559.8	560.1	560.3	560.5	560.8	561.1	561.5	561.8
125°	599.0	599.7	600.3	601.0	601.7	602.0	601.8	601.5	601.2	600.8	600.5
127.5°	637.7	637.9	638.0	638.2	638.3	638.4	638.8	639.7	640.5	641.4	642.2
130°	674.8	675.0	675.2	675.3	675.5	675.6	675.9	676.4	676.9	677.4	677.9
132.5°	708.9	709.3	709.6	710.0	710.3	710.5	710.8	711.5	712.2	712.8	713.5
135°	743.1	742.9	742.7	742.6	742.4	742.3	742.6	743.3	744.0	744.6	745.3
137.5°	773.4	773.4	773.4	773.4	773.4	773.4	773.8	774.7	775.5	776.4	777.2
140°	803.0	803.3	803.7	804.0	804.3	804.5	804.7	805.0	805.3	805.7	806.0
142.5°	829.5	830.2	830.8	831.5	832.2	832.5	832.6	832.8	832.9	833.1	833.3
145°	856.8	857.3	857.8	858.3	858.8	859.1	859.1	859.1	859.1	859.1	859.1
147.5°	878.0	879.0	880.0	881.1	882.1	882.6	882.5	882.3	882.2	882.0	881.8
150°	901.5	902.2	902.9	903.6	904.3	904.6	904.5	904.3	904.2	904.0	903.8
152.5°	921.2	921.7	922.2	922.7	923.2	923.5	923.3	923.0	922.7	922.3	922.0
155°	939.4	939.6	939.8	939.9	940.1	940.2	939.9	939.4	938.9	938.4	937.9
157.5°	955.4	955.4	955.4	955.4	955.4	955.4	955.1	954.4	953.7	953.0	952.3
160°	969.0	968.5	968.0	967.5	967.0	966.7	966.6	966.5	966.3	966.2	966.0
162.5°	981.1	980.4	979.8	979.1	978.4	978.1	978.0	977.9	977.7	977.6	977.4
165°	991.0	990.2	989.3	988.5	987.6	987.2	987.2	987.2	987.2	987.2	987.2
167.5°	999.3	998.5	997.7	996.8	996.0	995.6	995.5	995.3	995.2	995.0	994.8
170°	1006.2	1005.2	1004.2	1003.1	1002.1	1001.6	1001.7	1001.9	1002.0	1002.2	1002.4
172.5°	1010.7	1009.7	1008.7	1007.7	1006.7	1006.2	1006.3	1006.4	1006.6	1006.7	1006.9
175°	1013.8	1012.8	1011.8	1010.7	1009.7	1009.2	1009.3	1009.5	1009.6	1009.8	1010.0
177.5°	1016.0	1014.8	1013.6	1012.5	1011.3	1010.7	1010.9	1011.2	1011.5	1011.9	1012.2
180°	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9
2.5°	2026.7	2055.6	2068.5	2071.7	2089.4	2078.1	2082.9	2081.3	2094.2	2095.8	2095.8
5°	2174.5	2208.3	2219.5	2235.6	2259.7	2266.2	2261.3	2271.0	2288.7	2275.8	2295.1
7.5°	2330.4	2367.4	2393.1	2428.5	2436.5	2457.4	2470.3	2481.5	2484.7	2486.3	2489.6
10°	2475.1	2521.7	2557.1	2616.5	2629.4	2640.6	2696.9	2674.4	2703.3	2693.7	2696.9
12.5°	2592.4	2684.0	2713.0	2812.6	2822.2	2860.8	2857.6	2893.0	2899.4	2912.3	2899.4
15°	2746.7	2852.8	2899.4	2955.6	2987.8	3032.8	3040.8	3089.0	3108.3	3126.0	3108.3
17.5°	2888.1	2944.4	3063.3	3108.3	3129.2	3153.3	3214.4	3232.1	3261.0	3249.8	3281.9
20°	2958.9	3039.2	3164.6	3241.7	3273.9	3296.4	3347.8	3375.1	3386.4	3386.4	3389.6
22.5°	3021.5	3137.3	3230.5	3318.9	3347.8	3363.9	3394.4	3415.3	3420.1	3423.3	3426.6
25°	3077.8	3182.3	3257.8	3307.6	3318.9	3318.9	3336.6	3323.7	3302.8	3318.9	3328.5
27.5°	3077.8	3151.7	3185.5	3203.2	3203.2	3159.8	3134.0	3081.0	3036.0	3023.2	3052.1
30°	3026.4	3060.1	3013.5	2970.1	2936.4	2907.4	2806.2	2725.8	2709.7	2698.5	2741.9
32.5°	2907.4	2864.0	2772.4	2647.1	2597.2	2531.3	2452.6	2391.5	2354.6	2341.7	2332.1
35°	2696.9	2584.4	2465.5	2296.7	2261.3	2177.8	2070.1	2025.1	1964.0	1962.4	1983.3
37.5°	2467.1	2293.5	2164.9	2004.2	1954.4	1866.0	1764.7	1718.1	1676.3	1644.2	1682.7
40°	2198.7	2047.6	1851.5	1719.7	1649.0	1602.4	1517.2	1465.8	1446.5	1430.4	1454.5
42.5°	1947.9	1782.4	1629.7	1494.7	1436.8	1383.8	1327.6	1277.7	1263.3	1261.7	1279.3
45°	1698.8	1536.5	1395.1	1279.3	1242.4	1210.2	1155.6	1141.1	1117.0	1100.9	1109.0
47.5°	1499.5	1332.4	1215.0	1126.6	1094.5	1067.2	1031.8	1007.7	986.8	980.4	990.0
50°	1303.4	1190.9	1070.4	996.5	972.4	946.6	919.3	896.8	887.2	880.7	887.2
52.5°	1145.9	1025.4	943.4	884.0	859.9	840.6	821.3	811.6	798.8	802.0	808.4
55°	1004.5	898.4	829.3	785.9	771.5	763.4	739.3	728.1	723.2	720.0	723.2
57.5°	871.1	794.0	742.5	705.6	686.3	681.5	662.2	662.2	657.3	652.5	654.1
60°	765.0	699.1	649.3	620.4	617.2	609.1	596.3	594.7	583.4	588.2	589.8
62.5°	657.3	604.3	570.6	552.9	541.6	538.4	530.4	528.8	523.9	525.6	522.3
65°	572.2	528.8	495.0	480.6	475.7	474.1	467.7	462.9	459.7	462.9	459.7
67.5°	487.0	458.1	432.3	417.9	411.4	409.8	405.0	401.8	403.4	398.6	401.8
70°	406.6	377.7	361.6	353.6	350.4	345.5	345.5	345.5	345.5	342.3	340.7
72.5°	342.3	313.4	302.2	297.3	294.1	292.5	287.7	289.3	287.7	286.1	292.5
75°	271.6	253.9	242.7	237.9	241.1	236.3	231.4	234.7	229.8	231.4	237.9
77.5°	205.7	197.7	191.3	188.0	184.8	181.6	181.6	178.4	178.4	178.4	178.4
80°	149.5	147.9	136.6	135.0	135.0	131.8	131.8	131.8	131.8	130.2	131.8
82.5°	99.6	98.0	94.8	93.2	90.0	91.6	91.6	88.4	88.4	86.8	88.4
85°	57.9	57.9	54.6	53.0	51.4	53.0	49.8	48.2	49.8	48.2	49.8
87.5°	27.3	24.1	25.7	24.1	20.9	22.5	19.3	20.9	19.3	17.7	20.9
90°	17.7	18.7	19.7	20.7	21.2	21.4	21.7	22.0	22.4	22.7	22.4
92.5°	16.9	17.9	19.0	20.0	20.5	20.5	20.5	20.5	20.5	20.5	20.5
95°	17.7	18.7	19.7	20.7	21.2	21.3	21.5	21.6	21.8	22.0	21.8
97.5°	17.5	18.4	19.2	20.1	20.5	20.6	20.7	20.9	21.0	21.2	21.0
100°	30.5	27.7	24.8	21.9	20.5	20.6	20.7	20.9	21.0	21.2	21.0
102.5°	154.7	116.8	78.9	41.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
105°	238.1	239.6	241.1	242.6	243.4	240.4	234.3	228.2	222.2	216.1	222.2
107.5°	285.9	286.8	287.6	288.5	288.9	289.2	289.9	290.6	291.2	291.9	291.2
110°	334.7	335.1	335.4	335.7	335.9	336.2	336.7	337.2	337.7	338.2	337.7

TEST NUMBER: P1032602

CATALOG NUMBER: S124DIW-B1195D770UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	381.9	381.8	381.6	381.5	381.4	381.7	382.4	383.1	383.7	384.4	383.7
115°	428.0	428.3	428.7	429.0	429.2	429.2	429.2	429.2	429.2	429.2	429.2
117.5°	476.0	475.8	475.7	475.5	475.4	475.4	475.4	475.4	475.4	475.4	475.4
120°	518.9	519.3	519.6	519.9	520.1	519.9	519.6	519.3	518.9	518.6	518.9
122.5°	562.0	562.2	562.3	562.5	562.6	562.4	562.1	561.8	561.4	561.1	561.4
125°	601.0	601.5	602.0	602.5	602.8	602.9	603.1	603.2	603.4	603.6	603.4
127.5°	642.0	641.9	641.7	641.6	641.5	641.4	641.2	641.1	640.9	640.7	640.9
130°	678.1	678.2	678.4	678.5	678.6	678.6	678.6	678.6	678.6	678.6	678.6
132.5°	713.7	713.9	714.0	714.2	714.3	714.2	714.0	713.9	713.7	713.5	713.7
135°	745.7	746.0	746.4	746.7	746.9	747.1	747.4	747.7	748.1	748.4	748.1
137.5°	777.5	777.9	778.2	778.5	778.7	778.6	778.4	778.3	778.1	777.9	778.1
140°	806.5	807.0	807.5	808.0	808.3	808.4	808.5	808.7	808.8	809.0	808.8
142.5°	833.6	834.0	834.3	834.6	834.8	834.8	834.8	834.8	834.8	834.8	834.8
145°	859.3	859.4	859.6	859.7	859.8	860.0	860.3	860.6	861.0	861.3	861.0
147.5°	882.0	882.2	882.3	882.5	882.6	882.7	882.8	883.0	883.1	883.3	883.1
150°	903.8	903.8	903.8	903.8	903.8	903.9	904.1	904.2	904.4	904.6	904.4
152.5°	922.3	922.7	923.0	923.3	923.5	923.4	923.3	923.1	923.0	922.8	923.0
155°	938.6	939.3	940.0	940.7	941.0	940.7	940.2	939.7	939.2	938.7	939.2
157.5°	953.1	954.0	954.8	955.7	956.1	955.7	954.8	954.0	953.1	952.3	953.1
160°	967.0	968.0	969.0	970.0	970.5	970.0	969.0	968.0	967.0	966.0	967.0
162.5°	978.4	979.4	980.4	981.4	981.9	981.3	980.1	979.0	977.8	976.6	977.8
165°	988.6	989.9	991.3	992.6	993.3	992.5	991.0	989.5	988.0	986.5	988.0
167.5°	996.3	997.8	999.3	1000.8	1001.6	1000.8	999.1	997.4	995.7	994.0	995.7
170°	1003.7	1005.1	1006.4	1007.7	1008.4	1007.6	1005.9	1004.2	1002.6	1000.9	1002.6
172.5°	1008.3	1009.6	1011.0	1012.3	1013.0	1012.1	1010.2	1008.4	1006.5	1004.7	1006.5
175°	1011.5	1013.0	1014.5	1016.0	1016.8	1015.8	1013.8	1011.7	1009.7	1007.7	1009.7
177.5°	1013.6	1014.9	1016.3	1017.6	1018.3	1017.3	1015.3	1013.2	1011.2	1009.2	1011.2
180°	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8

TEST NUMBER: P1032602

CATALOG NUMBER: S124DIW-B1195D770UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9
2.5°	2092.6	2087.8	2081.3	2081.3	2073.3	2073.3	2060.4	2037.9	2018.6	2012.2	2015.4
5°	2271.0	2272.6	2262.9	2254.9	2240.4	2229.2	2208.3	2168.1	2155.3	2129.5	2111.9
7.5°	2475.1	2468.7	2451.0	2438.1	2434.9	2409.2	2364.2	2316.0	2277.4	2251.7	2214.7
10°	2704.9	2679.2	2653.5	2645.5	2626.2	2582.8	2531.3	2478.3	2425.3	2369.0	2306.3
12.5°	2897.8	2848.0	2846.4	2827.1	2790.1	2766.0	2704.9	2629.4	2537.8	2475.1	2404.4
15°	3105.1	3058.5	3019.9	2984.6	2966.9	2896.2	2844.8	2749.9	2640.6	2573.1	2524.9
17.5°	3253.0	3232.1	3166.2	3150.1	3126.0	3044.0	2962.1	2868.9	2774.0	2679.2	2549.0
20°	3371.9	3359.1	3315.7	3293.2	3254.6	3190.3	3090.7	2983.0	2873.7	2738.7	2616.5
22.5°	3423.3	3407.3	3371.9	3352.6	3328.5	3273.9	3188.7	3066.5	2923.5	2803.0	2672.8
25°	3322.1	3351.0	3341.4	3333.3	3323.7	3291.6	3227.3	3119.6	2979.8	2843.1	2680.8
27.5°	3093.9	3143.7	3191.9	3198.3	3214.4	3227.3	3201.5	3124.4	3007.1	2862.4	2684.0
30°	2786.9	2809.4	2907.4	2936.4	2958.9	3040.8	3089.0	3069.8	2979.8	2849.6	2685.6
32.5°	2393.1	2452.6	2552.2	2621.3	2682.4	2774.0	2899.4	2949.2	2917.1	2811.0	2648.7
35°	2020.3	2091.0	2206.7	2295.1	2356.2	2486.3	2634.2	2741.9	2782.1	2729.0	2584.4
37.5°	1714.9	1800.1	1902.9	1936.7	2007.4	2168.1	2372.2	2521.7	2619.7	2624.6	2512.1
40°	1485.1	1528.5	1610.4	1661.8	1731.0	1866.0	2065.3	2262.9	2410.8	2460.6	2401.2
42.5°	1290.6	1324.3	1385.4	1448.1	1510.8	1613.6	1796.9	1981.7	2181.0	2280.6	2279.0
45°	1136.3	1171.7	1213.4	1264.9	1308.3	1419.2	1563.8	1753.5	1925.4	2079.7	2118.3
47.5°	1001.3	1031.8	1083.3	1105.8	1134.7	1239.2	1364.5	1541.3	1719.7	1896.5	1941.5
50°	901.6	927.4	962.7	977.2	1009.3	1086.5	1189.3	1332.4	1530.1	1692.4	1776.0
52.5°	811.6	830.9	858.2	869.5	892.0	949.9	1043.1	1155.6	1319.5	1486.7	1604.0
55°	734.5	747.3	766.6	779.5	795.6	847.0	916.1	1017.4	1158.8	1303.4	1417.6
57.5°	662.2	671.8	691.1	697.5	710.4	750.6	798.8	884.0	1014.1	1142.7	1253.6
60°	594.7	601.1	612.3	626.8	636.5	663.8	708.8	779.5	884.0	1001.3	1091.3
62.5°	530.4	540.0	543.2	549.7	557.7	583.4	618.8	670.2	761.8	858.2	953.1
65°	464.5	472.5	478.9	480.6	488.6	507.9	540.0	585.0	644.5	728.1	816.5
67.5°	403.4	408.2	411.4	417.9	425.9	435.6	461.3	495.0	549.7	617.2	687.9
70°	347.2	347.2	352.0	353.6	363.2	374.5	385.7	417.9	466.1	520.7	569.0
72.5°	286.1	294.1	292.5	300.5	298.9	307.0	321.4	342.3	377.7	421.1	467.7
75°	233.0	237.9	237.9	237.9	241.1	247.5	255.5	274.8	302.2	337.5	364.8
77.5°	181.6	184.8	184.8	184.8	186.4	192.9	200.9	213.8	233.0	253.9	270.0
80°	130.2	133.4	133.4	136.6	136.6	138.2	146.3	152.7	162.3	178.4	194.5
82.5°	88.4	90.0	93.2	93.2	91.6	94.8	96.4	102.9	112.5	115.7	127.0
85°	48.2	49.8	51.4	51.4	53.0	56.3	54.6	61.1	61.1	67.5	70.7
87.5°	19.3	22.5	22.5	20.9	22.5	22.5	22.5	25.7	27.3	28.9	27.3
90°	22.0	21.7	21.4	21.2	20.7	19.7	18.7	17.7	16.7	15.3	14.0
92.5°	20.5	20.5	20.5	20.5	20.0	19.0	17.9	16.9	15.9	14.6	13.2
95°	21.6	21.5	21.3	21.2	20.7	19.7	18.7	17.7	16.7	16.5	16.3
97.5°	20.9	20.7	20.6	20.5	20.1	19.2	18.4	17.5	16.7	34.4	52.1
100°	20.9	20.7	20.6	20.5	21.9	24.8	27.7	30.5	33.4	56.6	79.9
102.5°	22.0	22.0	22.0	22.0	41.0	78.9	116.8	154.7	192.6	190.6	188.6
105°	228.2	234.3	240.4	243.4	242.6	241.1	239.6	238.1	236.6	235.8	234.9
107.5°	290.6	289.9	289.2	288.9	288.5	287.6	286.8	285.9	285.1	283.9	282.7
110°	337.2	336.7	336.2	335.9	335.7	335.4	335.1	334.7	334.4	333.4	332.4

TEST NUMBER: P1032602

CATALOG NUMBER: S124DIW-B1195D770UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	383.1	382.4	381.7	381.4	381.5	381.6	381.8	381.9	382.1	381.8	381.4
115°	429.2	429.2	429.2	429.2	429.0	428.7	428.3	428.0	427.6	427.8	428.0
117.5°	475.4	475.4	475.4	475.4	475.5	475.7	475.8	476.0	476.2	475.7	475.2
120°	519.3	519.6	519.9	520.1	519.9	519.6	519.3	518.9	518.6	518.8	519.0
122.5°	561.8	562.1	562.4	562.6	562.5	562.3	562.2	562.0	561.8	561.5	561.1
125°	603.2	603.1	602.9	602.8	602.5	602.0	601.5	601.0	600.5	600.8	601.2
127.5°	641.1	641.2	641.4	641.5	641.6	641.7	641.9	642.0	642.2	641.4	640.5
130°	678.6	678.6	678.6	678.6	678.5	678.4	678.2	678.1	677.9	677.4	676.9
132.5°	713.9	714.0	714.2	714.3	714.2	714.0	713.9	713.7	713.5	712.8	712.2
135°	747.7	747.4	747.1	746.9	746.7	746.4	746.0	745.7	745.3	744.6	744.0
137.5°	778.3	778.4	778.6	778.7	778.5	778.2	777.9	777.5	777.2	776.4	775.5
140°	808.7	808.5	808.4	808.3	808.0	807.5	807.0	806.5	806.0	805.7	805.3
142.5°	834.8	834.8	834.8	834.8	834.6	834.3	834.0	833.6	833.3	833.1	832.9
145°	860.6	860.3	860.0	859.8	859.7	859.6	859.4	859.3	859.1	859.1	859.1
147.5°	883.0	882.8	882.7	882.6	882.5	882.3	882.2	882.0	881.8	882.0	882.2
150°	904.2	904.1	903.9	903.8	903.8	903.8	903.8	903.8	903.8	904.0	904.2
152.5°	923.1	923.3	923.4	923.5	923.3	923.0	922.7	922.3	922.0	922.3	922.7
155°	939.7	940.2	940.7	941.0	940.7	940.0	939.3	938.6	937.9	938.4	938.9
157.5°	954.0	954.8	955.7	956.1	955.7	954.8	954.0	953.1	952.3	953.0	953.7
160°	968.0	969.0	970.0	970.5	970.0	969.0	968.0	967.0	966.0	966.2	966.3
162.5°	979.0	980.1	981.3	981.9	981.4	980.4	979.4	978.4	977.4	977.6	977.7
165°	989.5	991.0	992.5	993.3	992.6	991.3	989.9	988.6	987.2	987.2	987.2
167.5°	997.4	999.1	1000.8	1001.6	1000.8	999.3	997.8	996.3	994.8	995.0	995.2
170°	1004.2	1005.9	1007.6	1008.4	1007.7	1006.4	1005.1	1003.7	1002.4	1002.2	1002.0
172.5°	1008.4	1010.2	1012.1	1013.0	1012.3	1011.0	1009.6	1008.3	1006.9	1006.7	1006.6
175°	1011.7	1013.8	1015.8	1016.8	1016.0	1014.5	1013.0	1011.5	1010.0	1009.8	1009.6
177.5°	1013.2	1015.3	1017.3	1018.3	1017.6	1016.3	1014.9	1013.6	1012.2	1011.9	1011.5
180°	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8

TEST NUMBER: P1032602

CATALOG NUMBER: S124DIW-B1195D770UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9
2.5°	2001.0	1994.5	1989.7	1989.7	1975.3	1960.8	1952.8	1949.5	1946.3	1933.5	1915.8
5°	2082.9	2062.0	2047.6	2033.1	2009.0	1983.3	1957.6	1943.1	1922.2	1893.3	1872.4
7.5°	2174.5	2124.7	2108.7	2091.0	2042.8	1999.4	1964.0	1933.5	1899.7	1862.7	1825.8
10°	2251.7	2198.7	2163.3	2132.8	2070.1	2012.2	1959.2	1914.2	1870.8	1822.6	1777.6
12.5°	2325.6	2250.1	2213.1	2168.1	2102.2	2018.6	1949.5	1893.3	1829.0	1779.2	1724.5
15°	2428.5	2301.5	2240.4	2211.5	2123.1	2025.1	1941.5	1857.9	1804.9	1729.4	1681.1
17.5°	2444.6	2341.7	2301.5	2227.6	2121.5	2010.6	1914.2	1830.6	1750.2	1682.7	1620.1
20°	2500.8	2365.8	2301.5	2254.9	2115.1	2002.6	1896.5	1788.8	1711.7	1639.3	1568.6
22.5°	2536.2	2383.5	2316.0	2242.0	2108.7	1973.6	1848.3	1755.1	1660.2	1586.3	1530.1
25°	2526.5	2373.8	2298.3	2229.2	2066.9	1931.9	1819.4	1700.4	1612.0	1531.7	1457.7
27.5°	2521.7	2349.7	2269.4	2192.2	2039.5	1898.1	1756.7	1660.2	1562.2	1469.0	1414.3
30°	2508.8	2319.2	2226.0	2142.4	1983.3	1835.4	1714.9	1602.4	1504.3	1419.2	1346.8
32.5°	2465.5	2267.8	2177.8	2087.8	1922.2	1774.4	1652.2	1547.7	1449.7	1361.3	1292.2
35°	2407.6	2206.7	2108.7	2013.8	1848.3	1698.8	1586.3	1477.0	1385.4	1300.2	1234.3
37.5°	2349.7	2136.0	2044.4	1935.1	1782.4	1626.5	1510.8	1412.7	1327.6	1239.2	1166.8
40°	2266.2	2052.4	1951.1	1857.9	1679.5	1533.3	1427.2	1338.8	1255.2	1171.7	1110.6
42.5°	2152.0	1960.8	1856.3	1753.5	1586.3	1441.7	1338.8	1260.0	1181.3	1112.2	1044.7
45°	2036.3	1849.9	1756.7	1665.1	1483.4	1346.8	1252.0	1179.7	1113.8	1038.3	983.6
47.5°	1896.5	1739.0	1645.8	1555.8	1383.8	1247.2	1160.4	1092.9	1031.8	969.1	917.7
50°	1753.5	1616.8	1531.7	1438.4	1274.5	1150.8	1065.6	1009.3	959.5	900.0	858.2
52.5°	1599.2	1480.2	1407.9	1317.9	1173.3	1059.1	972.4	916.1	874.3	830.9	794.0
55°	1435.2	1348.4	1271.3	1199.0	1062.4	959.5	882.4	832.5	803.6	763.4	731.3
57.5°	1287.4	1203.8	1157.2	1075.2	956.3	855.0	794.0	752.2	718.4	694.3	668.6
60°	1133.1	1065.6	1014.1	954.7	850.2	765.0	700.7	676.6	641.3	623.6	612.3
62.5°	985.2	937.0	888.8	843.8	750.6	670.2	622.0	591.5	570.6	552.9	543.2
65°	845.4	800.4	766.6	726.5	649.3	585.0	540.0	515.9	495.0	490.2	478.9
67.5°	708.8	689.5	652.5	620.4	554.5	504.7	470.9	440.4	429.1	424.3	414.7
70°	593.1	570.6	541.6	514.3	464.5	421.1	390.6	379.3	363.2	361.6	350.4
72.5°	488.6	461.3	440.4	419.5	382.5	343.9	327.9	311.8	303.8	297.3	292.5
75°	387.3	368.0	353.6	335.9	303.8	278.0	255.5	249.1	244.3	242.7	239.5
77.5°	289.3	276.4	270.0	252.3	229.8	207.3	197.7	188.0	188.0	184.8	186.4
80°	205.7	197.7	189.7	180.0	160.7	151.1	143.0	136.6	133.4	131.8	133.4
82.5°	130.2	125.4	123.8	117.3	104.5	99.6	93.2	88.4	88.4	88.4	88.4
85°	72.3	72.3	72.3	62.7	57.9	53.0	49.8	48.2	48.2	48.2	49.8
87.5°	30.5	30.5	25.7	25.7	24.1	20.9	19.3	19.3	20.9	20.9	22.5
90°	12.6	11.3	10.6	9.7	7.8	6.0	4.1	2.3	4.1	6.0	7.8
92.5°	11.9	10.6	9.9	10.1	10.4	10.7	11.1	11.4	11.1	10.7	10.4
95°	16.2	16.0	15.9	18.8	24.5	30.2	36.0	41.7	36.0	30.2	24.5
97.5°	69.8	87.5	96.3	94.4	90.7	87.0	83.3	79.6	83.3	87.0	90.7
100°	103.1	126.4	138.0	136.5	133.4	130.4	127.3	124.3	127.3	130.4	133.4
102.5°	186.5	184.5	183.5	182.5	180.5	178.4	176.4	174.4	176.4	178.4	180.5
105°	234.1	233.2	232.8	232.3	231.3	230.2	229.2	228.2	229.2	230.2	231.3
107.5°	281.6	280.4	279.8	279.5	279.0	278.5	278.0	277.5	278.0	278.5	279.0
110°	331.3	330.3	329.8	329.6	329.1	328.6	328.1	327.6	328.1	328.6	329.1

TEST NUMBER: P1032602

CATALOG NUMBER: S124DIW-B1195D770UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	381.1	380.8	380.6	380.1	379.1	378.1	377.1	376.1	377.1	378.1	379.1
115°	428.1	428.3	428.4	428.1	427.6	427.1	426.6	426.1	426.6	427.1	427.6
117.5°	474.7	474.2	473.9	473.6	472.9	472.2	471.6	470.9	471.6	472.2	472.9
120°	519.1	519.3	519.4	519.1	518.4	517.7	517.1	516.4	517.1	517.7	518.4
122.5°	560.8	560.5	560.3	560.1	559.8	559.5	559.1	558.8	559.1	559.5	559.8
125°	601.5	601.8	602.0	601.7	601.0	600.3	599.7	599.0	599.7	600.3	601.0
127.5°	639.7	638.8	638.4	638.3	638.2	638.0	637.9	637.7	637.9	638.0	638.2
130°	676.4	675.9	675.6	675.5	675.3	675.2	675.0	674.8	675.0	675.2	675.3
132.5°	711.5	710.8	710.5	710.3	710.0	709.6	709.3	708.9	709.3	709.6	710.0
135°	743.3	742.6	742.3	742.4	742.6	742.7	742.9	743.1	742.9	742.7	742.6
137.5°	774.7	773.8	773.4	773.4	773.4	773.4	773.4	773.4	773.4	773.4	773.4
140°	805.0	804.7	804.5	804.3	804.0	803.7	803.3	803.0	803.3	803.7	804.0
142.5°	832.8	832.6	832.5	832.2	831.5	830.8	830.2	829.5	830.2	830.8	831.5
145°	859.1	859.1	859.1	858.8	858.3	857.8	857.3	856.8	857.3	857.8	858.3
147.5°	882.3	882.5	882.6	882.1	881.1	880.0	879.0	878.0	879.0	880.0	881.1
150°	904.3	904.5	904.6	904.3	903.6	902.9	902.2	901.5	902.2	902.9	903.6
152.5°	923.0	923.3	923.5	923.2	922.7	922.2	921.7	921.2	921.7	922.2	922.7
155°	939.4	939.9	940.2	940.1	939.9	939.8	939.6	939.4	939.6	939.8	939.9
157.5°	954.4	955.1	955.4	955.4	955.4	955.4	955.4	955.4	955.4	955.4	955.4
160°	966.5	966.6	966.7	967.0	967.5	968.0	968.5	969.0	968.5	968.0	967.5
162.5°	977.9	978.0	978.1	978.4	979.1	979.8	980.4	981.1	980.4	979.8	979.1
165°	987.2	987.2	987.2	987.6	988.5	989.3	990.2	991.0	990.2	989.3	988.5
167.5°	995.3	995.5	995.6	996.0	996.8	997.7	998.5	999.3	998.5	997.7	996.8
170°	1001.9	1001.7	1001.6	1002.1	1003.1	1004.2	1005.2	1006.2	1005.2	1004.2	1003.1
172.5°	1006.4	1006.3	1006.2	1006.7	1007.7	1008.7	1009.7	1010.7	1009.7	1008.7	1007.7
175°	1009.5	1009.3	1009.2	1009.7	1010.7	1011.8	1012.8	1013.8	1012.8	1011.8	1010.7
177.5°	1011.2	1010.9	1010.7	1011.3	1012.5	1013.6	1014.8	1016.0	1014.8	1013.6	1012.5
180°	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8

TEST NUMBER: P1032602

CATALOG NUMBER: S124DIW-B1195D770UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9
2.5°	1911.0	1904.5	1907.8	1891.7	1877.2	1856.3	1838.6	1835.4	1832.2	1841.9	1835.4
5°	1856.3	1848.3	1840.2	1821.0	1792.0	1774.4	1748.6	1747.0	1737.4	1722.9	1726.1
7.5°	1796.9	1792.0	1780.8	1750.2	1724.5	1694.0	1673.1	1655.4	1647.4	1634.5	1629.7
10°	1748.6	1731.0	1721.3	1687.6	1657.0	1624.9	1597.6	1584.7	1570.2	1559.0	1551.0
12.5°	1682.7	1677.9	1650.6	1623.3	1597.6	1560.6	1539.7	1502.7	1483.4	1493.1	1489.9
15°	1639.3	1616.8	1610.4	1571.8	1528.5	1504.3	1465.8	1441.7	1433.6	1419.2	1401.5
17.5°	1581.5	1567.0	1544.5	1509.2	1459.3	1425.6	1398.3	1375.8	1366.1	1346.8	1332.4
20°	1526.8	1502.7	1485.1	1452.9	1404.7	1361.3	1327.6	1313.1	1289.0	1272.9	1264.9
22.5°	1477.0	1459.3	1433.6	1385.4	1343.6	1301.8	1261.7	1240.8	1218.3	1208.6	1195.8
25°	1415.9	1387.0	1369.3	1316.3	1271.3	1237.5	1200.6	1173.3	1160.4	1144.3	1141.1
27.5°	1356.5	1329.2	1308.3	1261.7	1207.0	1163.6	1141.1	1121.8	1099.3	1099.3	1091.3
30°	1297.0	1277.7	1245.6	1200.6	1149.2	1107.4	1081.6	1064.0	1055.9	1049.5	1047.9
32.5°	1237.5	1211.8	1192.5	1131.5	1092.9	1054.3	1035.0	1020.6	1010.9	1009.3	1010.9
35°	1176.5	1147.5	1128.3	1073.6	1035.0	999.7	991.6	978.8	974.0	972.4	980.4
37.5°	1112.2	1089.7	1065.6	1020.6	977.2	956.3	940.2	935.4	933.8	943.4	946.6
40°	1052.7	1033.4	1010.9	962.7	930.6	908.1	900.0	895.2	901.6	911.3	916.1
42.5°	996.5	969.1	951.5	908.1	879.1	866.3	856.6	856.6	863.1	874.3	882.4
45°	937.0	916.1	898.4	859.9	834.1	819.7	818.1	819.7	827.7	835.7	845.4
47.5°	879.1	858.2	839.0	806.8	784.3	776.3	774.7	776.3	789.1	800.4	811.6
50°	826.1	803.6	785.9	755.4	737.7	728.1	729.7	737.7	747.3	763.4	777.9
52.5°	763.4	747.3	731.3	704.0	687.9	681.5	686.3	692.7	710.4	721.6	739.3
55°	702.3	687.9	675.0	654.1	641.3	636.5	639.7	649.3	663.8	683.1	704.0
57.5°	646.1	630.0	617.2	602.7	588.2	589.8	591.5	604.3	622.0	639.7	663.8
60°	583.4	573.8	562.5	544.8	538.4	538.4	543.2	557.7	573.8	602.7	623.6
62.5°	527.2	514.3	506.3	495.0	485.4	487.0	498.2	511.1	530.4	554.5	581.8
65°	469.3	454.8	448.4	438.8	435.6	437.2	445.2	464.5	485.4	506.3	532.0
67.5°	405.0	400.2	393.8	384.1	387.3	388.9	397.0	413.1	435.6	456.4	485.4
70°	350.4	340.7	339.1	331.1	331.1	335.9	352.0	363.2	384.1	406.6	437.2
72.5°	292.5	284.5	284.5	278.0	282.9	287.7	295.7	311.8	331.1	353.6	379.3
75°	233.0	229.8	233.0	229.8	229.8	237.9	247.5	260.4	281.3	305.4	326.3
77.5°	180.0	180.0	178.4	183.2	183.2	188.0	200.9	213.8	229.8	249.1	271.6
80°	131.8	131.8	131.8	136.6	141.4	141.4	149.5	165.5	180.0	192.9	213.8
82.5°	90.0	90.0	90.0	93.2	99.6	99.6	109.3	118.9	135.0	146.3	155.9
85°	54.6	54.6	53.0	56.3	57.9	62.7	70.7	77.1	85.2	94.8	104.5
87.5°	24.1	24.1	25.7	27.3	28.9	32.1	35.4	38.6	46.6	49.8	54.6
90°	9.7	10.6	11.3	12.6	14.0	15.3	16.7	17.7	18.7	19.7	20.7
92.5°	10.1	9.9	10.6	11.9	13.2	14.6	15.9	16.9	17.9	19.0	20.0
95°	18.8	15.9	16.0	16.2	16.3	16.5	16.7	17.7	18.7	19.7	20.7
97.5°	94.4	96.3	87.5	69.8	52.1	34.4	16.7	17.5	18.4	19.2	20.1
100°	136.5	138.0	126.4	103.1	79.9	56.6	33.4	30.5	27.7	24.8	21.9
102.5°	182.5	183.5	184.5	186.5	188.6	190.6	192.6	154.7	116.8	78.9	41.0
105°	232.3	232.8	233.2	234.1	234.9	235.8	236.6	238.1	239.6	241.1	242.6
107.5°	279.5	279.8	280.4	281.6	282.7	283.9	285.1	285.9	286.8	287.6	288.5
110°	329.6	329.8	330.3	331.3	332.4	333.4	334.4	334.7	335.1	335.4	335.7

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CATALOG NUMBER: S124DIW-B1195D770UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	380.1	380.6	380.8	381.1	381.4	381.8	382.1	381.9	381.8	381.6	381.5
115°	428.1	428.4	428.3	428.1	428.0	427.8	427.6	428.0	428.3	428.7	429.0
117.5°	473.6	473.9	474.2	474.7	475.2	475.7	476.2	476.0	475.8	475.7	475.5
120°	519.1	519.4	519.3	519.1	519.0	518.8	518.6	518.9	519.3	519.6	519.9
122.5°	560.1	560.3	560.5	560.8	561.1	561.5	561.8	562.0	562.2	562.3	562.5
125°	601.7	602.0	601.8	601.5	601.2	600.8	600.5	601.0	601.5	602.0	602.5
127.5°	638.3	638.4	638.8	639.7	640.5	641.4	642.2	642.0	641.9	641.7	641.6
130°	675.5	675.6	675.9	676.4	676.9	677.4	677.9	678.1	678.2	678.4	678.5
132.5°	710.3	710.5	710.8	711.5	712.2	712.8	713.5	713.7	713.9	714.0	714.2
135°	742.4	742.3	742.6	743.3	744.0	744.6	745.3	745.7	746.0	746.4	746.7
137.5°	773.4	773.4	773.8	774.7	775.5	776.4	777.2	777.5	777.9	778.2	778.5
140°	804.3	804.5	804.7	805.0	805.3	805.7	806.0	806.5	807.0	807.5	808.0
142.5°	832.2	832.5	832.6	832.8	832.9	833.1	833.3	833.6	834.0	834.3	834.6
145°	858.8	859.1	859.1	859.1	859.1	859.1	859.1	859.3	859.4	859.6	859.7
147.5°	882.1	882.6	882.5	882.3	882.2	882.0	881.8	882.0	882.2	882.3	882.5
150°	904.3	904.6	904.5	904.3	904.2	904.0	903.8	903.8	903.8	903.8	903.8
152.5°	923.2	923.5	923.3	923.0	922.7	922.3	922.0	922.3	922.7	923.0	923.3
155°	940.1	940.2	939.9	939.4	938.9	938.4	937.9	938.6	939.3	940.0	940.7
157.5°	955.4	955.4	955.1	954.4	953.7	953.0	952.3	953.1	954.0	954.8	955.7
160°	967.0	966.7	966.6	966.5	966.3	966.2	966.0	967.0	968.0	969.0	970.0
162.5°	978.4	978.1	978.0	977.9	977.7	977.6	977.4	978.4	979.4	980.4	981.4
165°	987.6	987.2	987.2	987.2	987.2	987.2	987.2	988.6	989.9	991.3	992.6
167.5°	996.0	995.6	995.5	995.3	995.2	995.0	994.8	996.3	997.8	999.3	1000.8
170°	1002.1	1001.6	1001.7	1001.9	1002.0	1002.2	1002.4	1003.7	1005.1	1006.4	1007.7
172.5°	1006.7	1006.2	1006.3	1006.4	1006.6	1006.7	1006.9	1008.3	1009.6	1011.0	1012.3
175°	1009.7	1009.2	1009.3	1009.5	1009.6	1009.8	1010.0	1011.5	1013.0	1014.5	1016.0
177.5°	1011.3	1010.7	1010.9	1011.2	1011.5	1011.9	1012.2	1013.6	1014.9	1016.3	1017.6
180°	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8

TEST NUMBER: P1032602

CATALOG NUMBER: S124DIW-B1195D770UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9
2.5°	1830.6	1829.0	1821.0	1824.2	1814.5	1817.7	1822.6	1824.2	1830.6	1825.8	1824.2
5°	1718.1	1714.9	1710.1	1705.2	1703.6	1710.1	1698.8	1702.0	1705.2	1710.1	1716.5
7.5°	1626.5	1624.9	1620.1	1612.0	1608.8	1605.6	1607.2	1618.5	1616.8	1615.2	1626.5
10°	1542.9	1544.5	1534.9	1533.3	1523.6	1522.0	1523.6	1526.8	1531.7	1538.1	1539.7
12.5°	1456.1	1477.0	1459.3	1452.9	1438.4	1446.5	1449.7	1435.2	1443.3	1448.1	1472.2
15°	1401.5	1391.8	1380.6	1380.6	1374.2	1370.9	1362.9	1374.2	1380.6	1390.2	1387.0
17.5°	1325.9	1309.9	1303.4	1297.0	1298.6	1305.0	1287.4	1313.1	1313.1	1317.9	1309.9
20°	1260.0	1247.2	1239.2	1235.9	1231.1	1227.9	1226.3	1232.7	1242.4	1245.6	1253.6
22.5°	1190.9	1190.9	1178.1	1173.3	1170.0	1165.2	1173.3	1168.4	1174.9	1181.3	1194.2
25°	1133.1	1133.1	1128.3	1121.8	1117.0	1113.8	1118.6	1117.0	1121.8	1129.9	1133.1
27.5°	1086.5	1081.6	1080.0	1078.4	1076.8	1078.4	1076.8	1081.6	1086.5	1088.1	1084.9
30°	1046.3	1041.5	1043.1	1043.1	1044.7	1043.1	1041.5	1046.3	1047.9	1044.7	1046.3
32.5°	1009.3	1009.3	1012.5	1014.1	1014.1	1015.8	1017.4	1014.1	1015.8	1010.9	1012.5
35°	978.8	982.0	985.2	986.8	988.4	986.8	990.0	988.4	985.2	982.0	980.4
37.5°	948.3	951.5	957.9	959.5	964.3	965.9	962.7	962.7	961.1	954.7	951.5
40°	916.1	919.3	927.4	932.2	935.4	940.2	937.0	937.0	930.6	924.1	919.3
42.5°	885.6	892.0	900.0	904.9	911.3	911.3	911.3	908.1	900.0	893.6	888.8
45°	855.0	856.6	867.9	875.9	882.4	882.4	882.4	877.5	872.7	859.9	853.4
47.5°	821.3	826.1	839.0	847.0	853.4	855.0	855.0	850.2	840.6	829.3	821.3
50°	784.3	792.4	806.8	818.1	826.1	829.3	824.5	821.3	810.0	797.2	787.5
52.5°	749.0	758.6	776.3	785.9	797.2	798.8	797.2	792.4	779.5	761.8	753.8
55°	713.6	721.6	740.9	757.0	766.6	769.9	766.6	758.6	742.5	724.8	716.8
57.5°	675.0	686.3	707.2	723.2	734.5	736.1	732.9	724.8	712.0	689.5	678.2
60°	634.8	649.3	670.2	686.3	700.7	702.3	699.1	687.9	671.8	649.3	639.7
62.5°	594.7	605.9	630.0	647.7	659.0	667.0	660.6	649.3	633.2	610.7	596.3
65°	548.1	564.1	585.0	601.1	614.0	615.6	612.3	602.7	585.0	560.9	549.7
67.5°	503.1	514.3	535.2	556.1	560.9	565.7	560.9	551.3	536.8	515.9	499.8
70°	448.4	458.1	483.8	498.2	504.7	509.5	506.3	496.6	483.8	464.5	451.6
72.5°	393.8	401.8	425.9	437.2	450.0	448.4	446.8	440.4	422.7	409.8	401.8
75°	335.9	345.5	361.6	376.1	380.9	380.9	380.9	376.1	364.8	343.9	335.9
77.5°	282.9	287.7	300.5	308.6	313.4	315.0	313.4	305.4	298.9	284.5	279.7
80°	217.0	229.8	239.5	241.1	247.5	247.5	247.5	244.3	237.9	223.4	221.8
82.5°	163.9	167.1	176.8	181.6	184.8	183.2	183.2	176.8	175.2	167.1	163.9
85°	110.9	115.7	114.1	120.5	122.1	118.9	118.9	122.1	114.1	115.7	110.9
87.5°	61.1	61.1	64.3	62.7	69.1	69.1	65.9	67.5	64.3	62.7	61.1
90°	21.2	21.4	21.7	22.0	22.4	22.7	22.4	22.0	21.7	21.4	21.2
92.5°	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
95°	21.2	21.3	21.5	21.6	21.8	22.0	21.8	21.6	21.5	21.3	21.2
97.5°	20.5	20.6	20.7	20.9	21.0	21.2	21.0	20.9	20.7	20.6	20.5
100°	20.5	20.6	20.7	20.9	21.0	21.2	21.0	20.9	20.7	20.6	20.5
102.5°	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
105°	243.4	240.4	234.3	228.2	222.2	216.1	222.2	228.2	234.3	240.4	243.4
107.5°	288.9	289.2	289.9	290.6	291.2	291.9	291.2	290.6	289.9	289.2	288.9
110°	335.9	336.2	336.7	337.2	337.7	338.2	337.7	337.2	336.7	336.2	335.9



TEST NUMBER: P1032602

CATALOG NUMBER: S124DIW-B1195D770UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	381.4	381.7	382.4	383.1	383.7	384.4	383.7	383.1	382.4	381.7	381.4
115°	429.2	429.2	429.2	429.2	429.2	429.2	429.2	429.2	429.2	429.2	429.2
117.5°	475.4	475.4	475.4	475.4	475.4	475.4	475.4	475.4	475.4	475.4	475.4
120°	520.1	519.9	519.6	519.3	518.9	518.6	518.9	519.3	519.6	519.9	520.1
122.5°	562.6	562.4	562.1	561.8	561.4	561.1	561.4	561.8	562.1	562.4	562.6
125°	602.8	602.9	603.1	603.2	603.4	603.6	603.4	603.2	603.1	602.9	602.8
127.5°	641.5	641.4	641.2	641.1	640.9	640.7	640.9	641.1	641.2	641.4	641.5
130°	678.6	678.6	678.6	678.6	678.6	678.6	678.6	678.6	678.6	678.6	678.6
132.5°	714.3	714.2	714.0	713.9	713.7	713.5	713.7	713.9	714.0	714.2	714.3
135°	746.9	747.1	747.4	747.7	748.1	748.4	748.1	747.7	747.4	747.1	746.9
137.5°	778.7	778.6	778.4	778.3	778.1	777.9	778.1	778.3	778.4	778.6	778.7
140°	808.3	808.4	808.5	808.7	808.8	809.0	808.8	808.7	808.5	808.4	808.3
142.5°	834.8	834.8	834.8	834.8	834.8	834.8	834.8	834.8	834.8	834.8	834.8
145°	859.8	860.0	860.3	860.6	861.0	861.3	861.0	860.6	860.3	860.0	859.8
147.5°	882.6	882.7	882.8	883.0	883.1	883.3	883.1	883.0	882.8	882.7	882.6
150°	903.8	903.9	904.1	904.2	904.4	904.6	904.4	904.2	904.1	903.9	903.8
152.5°	923.5	923.4	923.3	923.1	923.0	922.8	923.0	923.1	923.3	923.4	923.5
155°	941.0	940.7	940.2	939.7	939.2	938.7	939.2	939.7	940.2	940.7	941.0
157.5°	956.1	955.7	954.8	954.0	953.1	952.3	953.1	954.0	954.8	955.7	956.1
160°	970.5	970.0	969.0	968.0	967.0	966.0	967.0	968.0	969.0	970.0	970.5
162.5°	981.9	981.3	980.1	979.0	977.8	976.6	977.8	979.0	980.1	981.3	981.9
165°	993.3	992.5	991.0	989.5	988.0	986.5	988.0	989.5	991.0	992.5	993.3
167.5°	1001.6	1000.8	999.1	997.4	995.7	994.0	995.7	997.4	999.1	1000.8	1001.6
170°	1008.4	1007.6	1005.9	1004.2	1002.6	1000.9	1002.6	1004.2	1005.9	1007.6	1008.4
172.5°	1013.0	1012.1	1010.2	1008.4	1006.5	1004.7	1006.5	1008.4	1010.2	1012.1	1013.0
175°	1016.8	1015.8	1013.8	1011.7	1009.7	1007.7	1009.7	1011.7	1013.8	1015.8	1016.8
177.5°	1018.3	1017.3	1015.3	1013.2	1011.2	1009.2	1011.2	1013.2	1015.3	1017.3	1018.3
180°	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8

TEST NUMBER: P1032602

CATALOG NUMBER: S124DIW-B1195D770UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9
2.5°	1824.2	1833.8	1824.2	1830.6	1833.8	1841.9	1845.1	1859.5	1864.4	1875.6	1875.6
5°	1714.9	1719.7	1721.3	1727.7	1734.2	1750.2	1761.5	1782.4	1806.5	1809.7	1824.2
7.5°	1626.5	1634.5	1647.4	1642.6	1653.8	1677.9	1692.4	1718.1	1742.2	1755.1	1772.7
10°	1547.7	1557.4	1562.2	1567.0	1587.9	1608.8	1631.3	1649.0	1681.1	1700.4	1714.9
12.5°	1483.4	1475.4	1485.1	1502.7	1526.8	1539.7	1570.2	1597.6	1621.7	1642.6	1655.4
15°	1399.9	1406.3	1415.9	1446.5	1452.9	1485.1	1496.3	1526.8	1571.8	1591.1	1607.2
17.5°	1319.5	1340.4	1359.7	1370.9	1390.2	1415.9	1448.1	1481.8	1510.8	1533.3	1552.6
20°	1255.2	1276.1	1287.4	1295.4	1314.7	1350.1	1380.6	1422.4	1459.3	1477.0	1502.7
22.5°	1203.8	1203.8	1219.9	1244.0	1255.2	1289.0	1314.7	1359.7	1399.9	1422.4	1446.5
25°	1139.5	1149.2	1162.0	1182.9	1199.0	1226.3	1263.3	1301.8	1345.2	1364.5	1395.1
27.5°	1086.5	1097.7	1115.4	1120.2	1136.3	1160.4	1199.0	1240.8	1285.8	1306.7	1332.4
30°	1046.3	1052.7	1059.1	1068.8	1083.3	1104.1	1136.3	1173.3	1227.9	1244.0	1276.1
32.5°	1010.9	1014.1	1017.4	1025.4	1033.4	1054.3	1080.0	1120.2	1165.2	1189.3	1218.3
35°	978.8	975.6	977.2	982.0	990.0	998.1	1025.4	1059.1	1100.9	1129.9	1152.4
37.5°	948.3	941.8	940.2	940.2	943.4	953.1	974.0	1002.9	1047.9	1072.0	1094.5
40°	914.5	908.1	904.9	903.2	901.6	908.1	924.1	953.1	988.4	1010.9	1036.6
42.5°	882.4	875.9	867.9	866.3	863.1	866.3	877.5	904.9	935.4	957.9	978.8
45°	850.2	839.0	829.3	822.9	824.5	819.7	827.7	848.6	884.0	898.4	919.3
47.5°	814.9	802.0	789.1	782.7	776.3	779.5	782.7	800.4	830.9	845.4	866.3
50°	781.1	763.4	749.0	740.9	736.1	732.9	736.1	753.8	776.3	789.1	806.8
52.5°	742.5	724.8	710.4	697.5	691.1	686.3	687.9	704.0	724.8	737.7	755.4
55°	707.2	684.7	665.4	649.3	644.5	642.9	641.3	652.5	670.2	683.1	697.5
57.5°	667.0	644.5	623.6	604.3	594.7	593.1	593.1	596.3	618.8	628.4	636.5
60°	626.8	602.7	580.2	562.5	548.1	543.2	541.6	548.1	559.3	569.0	580.2
62.5°	581.8	557.7	530.4	514.3	499.8	487.0	491.8	493.4	509.5	514.3	523.9
65°	538.4	511.1	488.6	462.9	446.8	438.8	435.6	438.8	451.6	453.2	459.7
67.5°	488.6	462.9	435.6	417.9	403.4	388.9	385.7	385.7	392.2	397.0	405.0
70°	440.4	414.7	384.1	364.8	350.4	337.5	332.7	331.1	335.9	339.1	347.2
72.5°	384.1	358.4	335.9	315.0	297.3	287.7	282.9	279.7	284.5	287.7	289.3
75°	324.7	303.8	281.3	260.4	249.1	239.5	233.0	228.2	231.4	231.4	231.4
77.5°	268.4	247.5	229.8	215.4	200.9	189.7	184.8	180.0	181.6	181.6	184.8
80°	208.9	194.5	180.0	167.1	154.3	144.6	141.4	136.6	133.4	131.8	131.8
82.5°	154.3	143.0	130.2	118.9	112.5	102.9	99.6	93.2	93.2	91.6	91.6
85°	102.9	96.4	83.6	75.5	70.7	65.9	62.7	59.5	54.6	54.6	53.0
87.5°	54.6	51.4	48.2	38.6	38.6	33.8	32.1	30.5	25.7	27.3	27.3
90°	20.7	19.7	18.7	17.7	16.7	15.3	14.0	12.6	11.3	10.6	9.7
92.5°	20.0	19.0	17.9	16.9	15.9	14.6	13.2	11.9	10.6	9.9	10.1
95°	20.7	19.7	18.7	17.7	16.7	16.5	16.3	16.2	16.0	15.9	18.8
97.5°	20.1	19.2	18.4	17.5	16.7	34.4	52.1	69.8	87.5	96.3	94.4
100°	21.9	24.8	27.7	30.5	33.4	56.6	79.9	103.1	126.4	138.0	136.5
102.5°	41.0	78.9	116.8	154.7	192.6	190.6	188.6	186.5	184.5	183.5	182.5
105°	242.6	241.1	239.6	238.1	236.6	235.8	234.9	234.1	233.2	232.8	232.3
107.5°	288.5	287.6	286.8	285.9	285.1	283.9	282.7	281.6	280.4	279.8	279.5
110°	335.7	335.4	335.1	334.7	334.4	333.4	332.4	331.3	330.3	329.8	329.6

TEST NUMBER: P1032602

CATALOG NUMBER: S124DIW-B1195D770UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	381.5	381.6	381.8	381.9	382.1	381.8	381.4	381.1	380.8	380.6	380.1
115°	429.0	428.7	428.3	428.0	427.6	427.8	428.0	428.1	428.3	428.4	428.1
117.5°	475.5	475.7	475.8	476.0	476.2	475.7	475.2	474.7	474.2	473.9	473.6
120°	519.9	519.6	519.3	518.9	518.6	518.8	519.0	519.1	519.3	519.4	519.1
122.5°	562.5	562.3	562.2	562.0	561.8	561.5	561.1	560.8	560.5	560.3	560.1
125°	602.5	602.0	601.5	601.0	600.5	600.8	601.2	601.5	601.8	602.0	601.7
127.5°	641.6	641.7	641.9	642.0	642.2	641.4	640.5	639.7	638.8	638.4	638.3
130°	678.5	678.4	678.2	678.1	677.9	677.4	676.9	676.4	675.9	675.6	675.5
132.5°	714.2	714.0	713.9	713.7	713.5	712.8	712.2	711.5	710.8	710.5	710.3
135°	746.7	746.4	746.0	745.7	745.3	744.6	744.0	743.3	742.6	742.3	742.4
137.5°	778.5	778.2	777.9	777.5	777.2	776.4	775.5	774.7	773.8	773.4	773.4
140°	808.0	807.5	807.0	806.5	806.0	805.7	805.3	805.0	804.7	804.5	804.3
142.5°	834.6	834.3	834.0	833.6	833.3	833.1	832.9	832.8	832.6	832.5	832.2
145°	859.7	859.6	859.4	859.3	859.1	859.1	859.1	859.1	859.1	859.1	858.8
147.5°	882.5	882.3	882.2	882.0	881.8	882.0	882.2	882.3	882.5	882.6	882.1
150°	903.8	903.8	903.8	903.8	903.8	904.0	904.2	904.3	904.5	904.6	904.3
152.5°	923.3	923.0	922.7	922.3	922.0	922.3	922.7	923.0	923.3	923.5	923.2
155°	940.7	940.0	939.3	938.6	937.9	938.4	938.9	939.4	939.9	940.2	940.1
157.5°	955.7	954.8	954.0	953.1	952.3	953.0	953.7	954.4	955.1	955.4	955.4
160°	970.0	969.0	968.0	967.0	966.0	966.2	966.3	966.5	966.6	966.7	967.0
162.5°	981.4	980.4	979.4	978.4	977.4	977.6	977.7	977.9	978.0	978.1	978.4
165°	992.6	991.3	989.9	988.6	987.2	987.2	987.2	987.2	987.2	987.2	987.6
167.5°	1000.8	999.3	997.8	996.3	994.8	995.0	995.2	995.3	995.5	995.6	996.0
170°	1007.7	1006.4	1005.1	1003.7	1002.4	1002.2	1002.0	1001.9	1001.7	1001.6	1002.1
172.5°	1012.3	1011.0	1009.6	1008.3	1006.9	1006.7	1006.6	1006.4	1006.3	1006.2	1006.7
175°	1016.0	1014.5	1013.0	1011.5	1010.0	1009.8	1009.6	1009.5	1009.3	1009.2	1009.7
177.5°	1017.6	1016.3	1014.9	1013.6	1012.2	1011.9	1011.5	1011.2	1010.9	1010.7	1011.3
180°	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8	1013.8

TEST NUMBER: P1032602

CATALOG NUMBER: S124DIW-B1195D770UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1939.9	1939.9	1939.9	1939.9
2.5°	1886.9	1902.9	1917.4	1939.9
5°	1845.1	1867.6	1898.1	1931.9
7.5°	1796.9	1832.2	1872.4	1919.0
10°	1751.9	1792.0	1843.5	1899.7
12.5°	1705.2	1753.5	1809.7	1870.8
15°	1652.2	1700.4	1763.1	1845.1
17.5°	1604.0	1661.8	1729.4	1816.1
20°	1547.7	1602.4	1676.3	1776.0
22.5°	1497.9	1560.6	1642.6	1729.4
25°	1443.3	1497.9	1579.9	1684.3
27.5°	1388.6	1456.1	1534.9	1636.1
30°	1335.6	1391.8	1477.0	1583.1
32.5°	1277.7	1345.2	1424.0	1523.6
35°	1215.0	1279.3	1353.3	1460.9
37.5°	1158.8	1221.5	1297.0	1391.8
40°	1096.1	1162.0	1231.1	1325.9
42.5°	1035.0	1094.5	1163.6	1250.4
45°	975.6	1027.0	1089.7	1165.2
47.5°	914.5	957.9	1015.8	1083.3
50°	848.6	895.2	938.6	994.9
52.5°	787.5	827.7	863.1	909.7
55°	728.1	755.4	784.3	819.7
57.5°	665.4	686.3	707.2	744.1
60°	602.7	622.0	633.2	657.3
62.5°	541.6	549.7	564.1	578.6
65°	474.1	485.4	493.4	511.1
67.5°	413.1	417.9	425.9	437.2
70°	348.8	360.0	363.2	371.3
72.5°	294.1	298.9	302.2	303.8
75°	233.0	237.9	241.1	250.7
77.5°	183.2	181.6	188.0	189.7
80°	135.0	130.2	131.8	138.2
82.5°	88.4	90.0	88.4	88.4
85°	54.6	53.0	49.8	51.4
87.5°	24.1	24.1	22.5	22.5
90°	7.8	6.0	4.1	2.3
92.5°	10.4	10.7	11.1	11.4
95°	24.5	30.2	36.0	41.7
97.5°	90.7	87.0	83.3	79.6
100°	133.4	130.4	127.3	124.3
102.5°	180.5	178.4	176.4	174.4
105°	231.3	230.2	229.2	228.2
107.5°	279.0	278.5	278.0	277.5
110°	329.1	328.6	328.1	327.6

TEST NUMBER: P1032602

CATALOG NUMBER: S124DIW-B1195D770UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	379.1	378.1	377.1	376.1
115°	427.6	427.1	426.6	426.1
117.5°	472.9	472.2	471.6	470.9
120°	518.4	517.7	517.1	516.4
122.5°	559.8	559.5	559.1	558.8
125°	601.0	600.3	599.7	599.0
127.5°	638.2	638.0	637.9	637.7
130°	675.3	675.2	675.0	674.8
132.5°	710.0	709.6	709.3	708.9
135°	742.6	742.7	742.9	743.1
137.5°	773.4	773.4	773.4	773.4
140°	804.0	803.7	803.3	803.0
142.5°	831.5	830.8	830.2	829.5
145°	858.3	857.8	857.3	856.8
147.5°	881.1	880.0	879.0	878.0
150°	903.6	902.9	902.2	901.5
152.5°	922.7	922.2	921.7	921.2
155°	939.9	939.8	939.6	939.4
157.5°	955.4	955.4	955.4	955.4
160°	967.5	968.0	968.5	969.0
162.5°	979.1	979.8	980.4	981.1
165°	988.5	989.3	990.2	991.0
167.5°	996.8	997.7	998.5	999.3
170°	1003.1	1004.2	1005.2	1006.2
172.5°	1007.7	1008.7	1009.7	1010.7
175°	1010.7	1011.8	1012.8	1013.8
177.5°	1012.5	1013.6	1014.8	1016.0
180°	1013.8	1013.8	1013.8	1013.8

(END OF REPORT)