

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: P999395

Luminaire Tested: SA2XXRDIP-B1005D725UB2750-4F0-XX-W2A-A_3500K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P999395
REPORT IS A COMBINATION OF REPORTS P987946 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXRDIP-B1005D725UB2750-4F0-XX-W2A-A_3500K
Description: Define 2 Regressed Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721}
{m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

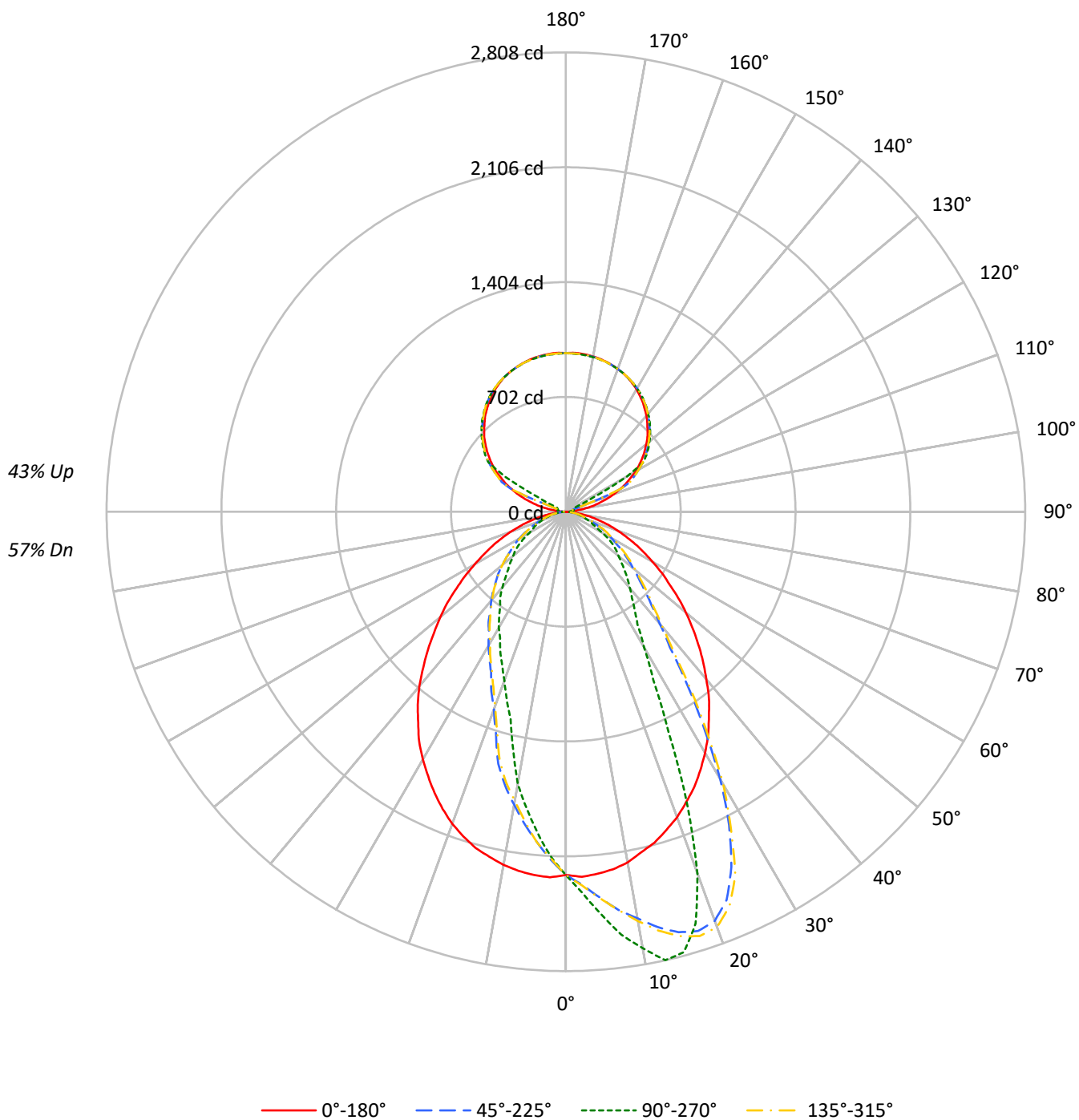
Lumens per Lamp: N/A
Luminaire Lumens: 6680.0 lumens
Efficiency: N/A
Efficacy: 81.1 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 82.4
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	109	109	109	109	101	101	101	101	87	87	87	75	75	75	63	63	63
1	100	96	93	89	93	90	87	84	78	76	74	67	66	64	57	56	55
2	92	85	79	75	86	80	75	71	70	66	63	60	57	55	51	49	48
3	85	76	69	63	79	71	65	60	62	58	54	54	51	48	46	44	42
4	78	68	60	55	73	64	57	52	56	51	47	49	45	42	42	39	37
5	72	61	53	48	67	57	51	45	51	45	41	44	40	37	39	35	33
6	67	55	48	42	62	52	45	40	46	41	37	41	36	33	35	32	30
7	62	50	43	37	58	48	41	36	42	37	33	37	33	30	33	29	27
8	58	46	39	34	54	44	37	32	39	33	30	34	30	27	30	27	24
9	54	42	35	30	51	40	34	29	36	31	27	32	28	25	28	25	22
10	51	39	32	28	48	37	31	27	33	28	24	30	26	23	26	23	21

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	35136	35136	35136	35136
5°	35219	37321	35341	29815
10°	34832	39447	35078	24620
15°	34076	39460	34652	18497
20°	33166	32618	33887	15259
25°	32063	20381	32758	12981
30°	30656	13049	31490	11176
35°	28945	10028	29881	9564
40°	27037	8430	28191	8366
45°	24998	7174	26042	7022
50°	22907	6096	23978	6075
55°	20592	5297	21703	5228
60°	18538	4040	19518	3991
65°	16616	3041	17604	3448
70°	14495	2429	15634	2811
75°	12251	1860	13375	2126
80°	9732	1266	10467	1394
85°	6752	654	7402	689

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 165°

Vertical Angle: 45°

Luminance: 32142 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	210.5	3.2
10°-20°	587.7	8.8
20°-30°	756.4	11.3
30°-40°	717.5	10.7
40°-50°	615.0	9.2
50°-60°	468.3	7.0
60°-70°	295.3	4.4
70°-80°	147.3	2.2
80°-90°	39.6	0.6
90°-100°	32.0	0.5
100°-110°	119.2	1.8
110°-120°	316.1	4.7
120°-130°	524.2	7.8
130°-140°	556.8	8.3
140°-150°	517.5	7.7
150°-160°	416.1	6.2
160°-170°	268.1	4.0
170°-180°	92.3	1.4
0°-30°	1554.6	23.3
0°-40°	2272.1	34.0
0°-60°	3355.4	50.2
0°-90°	3837.7	57.5
90°-120°	467.2	7.0
90°-150°	2065.8	30.9
90°-180°	2842.0	42.5
0°-180°	6680.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2220	2220	2220	2220	2220	
5°	2221	2470	2229	1973	2221	211
15°	2093	2787	2129	1307	2093	589
25°	1857	1487	1897	947	1857	853
35°	1524	733	1573	699	1524	954
45°	1145	509	1192	498	1145	883
55°	773	353	814	349	773	696
65°	467	184	495	208	467	464
75°	219	97	239	111	219	237
85°	48	28	52	29	48	54
90°	1	19	1	19	1	6
95°	46	30	46	30	46	54
105°	213	53	213	53	213	228
115°	403	58	403	58	403	397
125°	570	600	570	600	570	509
135°	706	729	706	729	706	545
145°	819	831	819	831	819	512
155°	902	902	902	902	902	415
165°	950	948	950	948	950	268
175°	972	966	972	966	972	92
180°	970	970	970	970	970	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7
2.5°	2233.6	2242.9	2247.5	2253.7	2267.6	2276.8	2290.7	2293.8	2292.2	2298.4	2281.5
5°	2221.3	2241.3	2259.9	2275.3	2300.0	2315.4	2332.4	2352.4	2357.0	2380.2	2366.3
7.5°	2204.3	2233.6	2259.9	2290.7	2327.7	2347.8	2374.0	2404.9	2418.7	2446.5	2454.2
10°	2176.6	2218.2	2262.9	2295.3	2346.2	2381.7	2406.4	2455.8	2488.2	2529.8	2523.6
12.5°	2131.8	2185.8	2246.0	2300.0	2366.3	2389.4	2435.7	2486.6	2528.3	2566.8	2600.8
15°	2093.3	2155.0	2221.3	2287.6	2363.2	2406.4	2452.7	2519.0	2563.7	2631.6	2660.9
17.5°	2040.8	2119.5	2198.2	2272.2	2361.7	2411.0	2468.1	2532.9	2599.2	2664.0	2687.1
20°	1986.8	2071.7	2156.5	2256.8	2358.6	2406.4	2465.0	2545.2	2610.0	2660.9	2660.9
22.5°	1922.0	2025.4	2122.6	2218.2	2329.3	2398.7	2458.8	2552.9	2599.2	2610.0	2568.4
25°	1857.2	1960.6	2067.0	2185.8	2312.3	2374.0	2441.9	2529.8	2545.2	2502.0	2394.1
27.5°	1780.1	1895.8	2016.1	2144.2	2276.8	2354.0	2415.7	2474.3	2445.0	2329.3	2161.1
30°	1701.4	1826.4	1962.1	2084.0	2244.4	2315.4	2367.8	2384.8	2292.2	2104.1	1886.6
32.5°	1619.7	1741.6	1885.0	2031.6	2193.5	2261.4	2295.3	2250.6	2080.9	1843.4	1578.0
35°	1524.1	1661.3	1811.0	1963.7	2124.1	2175.0	2195.1	2085.5	1868.0	1561.1	1297.3
37.5°	1437.7	1575.0	1735.4	1891.2	2047.0	2074.7	2054.7	1883.5	1607.4	1303.5	1045.9
40°	1335.9	1482.4	1639.7	1814.1	1942.1	1949.8	1900.4	1678.3	1335.9	1050.5	891.6
42.5°	1241.8	1389.8	1547.2	1724.6	1821.8	1795.5	1729.2	1437.7	1115.3	905.5	777.5
45°	1144.6	1285.0	1454.6	1612.0	1681.4	1619.7	1519.4	1209.4	936.3	779.0	680.3
47.5°	1050.5	1181.6	1349.7	1500.9	1513.3	1443.8	1325.1	1013.5	811.4	684.9	604.7
50°	957.9	1089.0	1246.4	1371.3	1359.0	1263.4	1129.2	880.8	705.0	604.7	538.4
52.5°	865.4	984.2	1136.9	1235.6	1183.1	1090.6	957.9	746.6	615.5	527.6	476.7
55°	772.8	883.9	1015.0	1096.8	1013.5	907.0	812.9	640.2	533.7	462.8	424.2
57.5°	695.7	783.6	903.9	953.3	853.0	769.7	688.0	550.7	462.8	411.9	367.1
60°	610.9	691.1	789.8	819.1	715.7	647.9	578.5	465.9	396.4	351.7	322.4
62.5°	538.4	604.7	680.3	680.3	589.3	538.4	485.9	390.3	333.2	297.7	283.8
65°	467.4	515.2	569.2	563.0	485.9	441.2	399.5	322.4	279.2	254.5	240.6
67.5°	398.0	435.0	470.5	448.9	393.4	354.8	316.2	260.7	231.4	214.4	195.9
70°	334.7	364.0	382.6	362.5	307.0	274.6	246.8	209.8	186.7	165.1	154.3
72.5°	280.7	293.1	299.3	274.6	228.3	209.8	189.7	163.5	143.5	132.7	129.6
75°	219.0	229.8	225.2	206.7	168.1	154.3	138.8	120.3	115.7	109.5	106.4
77.5°	171.2	171.2	163.5	146.5	120.3	109.5	103.4	94.1	89.5	87.9	84.8
80°	121.9	120.3	115.7	97.2	81.8	75.6	75.6	69.4	67.9	64.8	64.8
82.5°	80.2	80.2	74.0	58.6	54.0	52.4	50.9	47.8	47.8	46.3	46.3
85°	47.8	44.7	37.0	32.4	30.9	30.9	29.3	27.8	29.3	27.8	27.8
87.5°	21.6	17.0	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
90°	0.7	2.4	4.1	5.8	7.5	8.4	9.0	10.3	11.5	12.8	14.0
92.5°	17.5	16.9	16.3	15.6	15.0	14.7	14.9	15.4	15.9	16.3	16.8
95°	45.6	40.4	35.3	30.1	25.0	22.4	23.0	24.1	25.2	26.3	27.4
97.5°	82.1	69.3	56.5	43.8	31.0	24.6	25.8	28.3	30.8	33.3	35.8
100°	124.2	102.8	81.5	60.1	38.8	28.1	29.4	32.1	34.7	37.4	40.0
102.5°	170.5	170.2	169.9	169.6	169.3	169.1	154.9	126.5	98.2	69.8	41.4
105°	213.3	218.0	222.6	227.3	232.0	234.3	213.0	170.5	127.9	85.4	42.8
107.5°	263.1	267.0	270.9	274.8	278.7	280.6	254.3	201.8	149.3	96.7	44.2
110°	310.8	314.1	317.3	320.6	323.9	325.5	303.0	257.9	212.9	167.8	122.8

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	355.7	358.5	361.3	364.1	366.9	368.3	367.0	364.3	361.7	359.0	356.4
115°	403.4	406.0	408.7	411.3	414.0	415.3	417.2	421.1	425.0	428.9	432.8
117.5°	444.8	447.9	451.0	454.1	457.2	458.8	460.1	462.8	465.4	468.1	470.7
120°	491.1	493.4	495.8	498.1	500.4	501.6	503.0	505.8	508.6	511.4	514.2
122.5°	530.4	532.9	535.4	537.9	540.4	541.6	543.2	546.3	549.4	552.5	555.6
125°	570.3	572.3	574.4	576.4	578.5	579.5	581.0	583.9	586.9	589.8	592.8
127.5°	606.8	609.0	611.2	613.3	615.5	616.6	617.8	620.1	622.5	624.8	627.2
130°	641.2	643.7	646.2	648.7	651.2	652.4	653.3	655.0	656.7	658.4	660.1
132.5°	676.3	678.3	680.3	682.4	684.4	685.4	686.3	688.0	689.7	691.4	693.1
135°	705.7	708.2	710.7	713.2	715.7	717.0	717.7	719.1	720.5	721.9	723.3
137.5°	736.6	738.5	740.3	742.2	744.1	745.0	745.8	747.3	748.9	750.4	752.0
140°	766.8	768.0	769.3	770.5	771.8	772.4	773.3	775.0	776.7	778.4	780.1
142.5°	792.0	793.1	794.2	795.3	796.4	796.9	797.9	800.0	802.0	804.1	806.1
145°	818.7	818.5	818.4	818.2	818.1	818.0	819.3	822.0	824.6	827.3	829.9
147.5°	841.8	841.3	840.9	840.4	839.9	839.7	841.0	843.7	846.4	849.0	851.7
150°	864.3	863.2	862.1	861.0	859.9	859.4	860.6	863.1	865.6	868.1	870.6
152.5°	883.2	882.0	880.7	879.5	878.2	877.6	878.8	881.1	883.4	885.8	888.1
155°	901.5	900.1	898.7	897.3	895.9	895.2	896.1	898.0	899.9	901.7	903.6
157.5°	916.2	915.0	913.7	912.5	911.2	910.6	911.3	912.7	914.1	915.5	916.9
160°	928.8	927.9	926.9	926.0	925.1	924.6	925.1	926.0	926.9	927.9	928.8
162.5°	940.1	939.1	938.2	937.2	936.3	935.8	936.2	937.0	937.8	938.6	939.4
165°	949.9	949.0	948.0	947.1	946.2	945.7	945.9	946.4	946.9	947.3	947.8
167.5°	957.6	956.7	955.7	954.8	953.9	953.4	953.6	954.1	954.6	955.0	955.5
170°	963.9	963.0	962.0	961.1	960.2	959.7	959.9	960.2	960.5	960.8	961.1
172.5°	968.1	967.2	966.2	965.3	964.4	963.9	964.1	964.4	964.7	965.0	965.3
175°	971.6	970.5	969.4	968.3	967.2	966.7	966.9	967.2	967.5	967.8	968.1
177.5°	973.0	971.9	970.8	969.7	968.6	968.1	968.2	968.3	968.5	968.6	968.8
180°	969.5	969.5	969.5	969.5	969.5	969.5	969.5	969.5	969.5	969.5	969.5

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7
2.5°	2298.4	2301.5	2306.1	2327.7	2330.8	2337.0	2333.9	2333.9	2335.4	2332.4	2333.9
5°	2397.1	2401.8	2424.9	2451.1	2457.3	2451.1	2458.8	2469.6	2469.6	2469.6	2466.6
7.5°	2489.7	2506.7	2532.9	2571.5	2579.2	2586.9	2600.8	2591.5	2594.6	2608.5	2603.8
10°	2579.2	2603.8	2633.2	2665.5	2682.5	2693.3	2699.5	2713.4	2745.8	2708.7	2722.6
12.5°	2664.0	2699.5	2730.3	2765.8	2778.2	2792.0	2796.7	2809.0	2809.0	2807.5	2818.3
15°	2719.5	2751.9	2779.7	2802.8	2805.9	2802.8	2799.8	2801.3	2805.9	2787.4	2798.2
17.5°	2731.9	2735.0	2744.2	2735.0	2736.5	2704.1	2685.6	2681.0	2637.8	2639.3	2674.8
20°	2671.7	2619.3	2605.4	2554.5	2523.6	2440.3	2437.2	2414.1	2323.1	2350.9	2344.7
22.5°	2506.7	2417.2	2298.4	2239.8	2210.5	2122.6	2054.7	2006.9	1974.5	1942.1	1928.2
25°	2289.2	2144.2	1976.0	1860.3	1843.4	1761.6	1636.7	1578.0	1508.6	1487.0	1524.1
27.5°	2008.4	1820.2	1630.5	1453.1	1420.7	1346.7	1283.4	1241.8	1161.5	1156.9	1160.0
30°	1627.4	1437.7	1278.8	1163.1	1082.9	1048.9	1007.3	976.4	944.0	956.4	959.5
32.5°	1337.4	1156.9	1008.8	947.1	910.1	888.5	853.0	833.0	819.1	814.5	812.9
35°	1062.8	942.5	876.2	816.0	794.4	779.0	752.8	743.5	731.2	732.7	732.7
37.5°	910.1	809.8	760.5	729.6	709.6	701.9	684.9	675.6	667.9	664.8	669.5
40°	785.2	715.7	684.9	657.1	640.2	637.1	627.8	617.0	607.8	609.3	613.9
42.5°	694.2	654.0	617.0	595.4	583.1	578.5	570.7	563.0	563.0	558.4	556.9
45°	621.7	589.3	558.4	538.4	530.6	524.5	515.2	513.7	507.5	509.0	510.6
47.5°	556.9	530.6	507.5	487.4	479.7	478.2	468.9	462.8	462.8	461.2	459.7
50°	498.2	472.0	452.0	441.2	430.4	427.3	425.7	424.2	421.1	421.1	422.7
52.5°	450.4	424.2	408.8	399.5	393.4	390.3	390.3	388.7	388.7	388.7	387.2
55°	398.0	376.4	364.0	361.0	357.9	356.3	354.8	351.7	350.2	353.2	350.2
57.5°	348.6	340.9	330.1	327.0	319.3	319.3	314.7	311.6	308.5	311.6	311.6
60°	310.1	299.3	293.1	283.8	277.7	271.5	263.8	262.2	259.2	257.6	256.1
62.5°	269.9	260.7	245.3	231.4	222.1	216.0	212.9	211.3	211.3	209.8	209.8
65°	225.2	203.6	195.9	191.3	189.7	188.2	185.1	183.6	185.1	183.6	185.1
67.5°	175.9	172.8	168.1	165.1	163.5	162.0	162.0	160.4	160.4	160.4	160.4
70°	152.7	145.0	143.5	140.4	140.4	138.8	138.8	138.8	138.8	137.3	140.4
72.5°	126.5	121.9	120.3	118.8	118.8	118.8	117.2	117.2	117.2	115.7	117.2
75°	103.4	101.8	98.7	98.7	97.2	98.7	97.2	97.2	95.6	97.2	97.2
77.5°	83.3	81.8	80.2	80.2	78.7	78.7	78.7	78.7	78.7	78.7	80.2
80°	63.2	61.7	60.2	61.7	60.2	61.7	60.2	60.2	61.7	60.2	60.2
82.5°	46.3	44.7	44.7	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
85°	27.8	26.2	26.2	27.8	26.2	27.8	26.2	26.2	26.2	27.8	27.8
87.5°	12.3	13.9	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	13.9
90°	14.8	15.6	16.3	17.1	17.5	17.7	18.0	18.3	18.6	18.9	18.6
92.5°	17.1	17.4	17.7	18.0	18.2	18.3	18.4	18.6	18.7	18.9	18.7
95°	28.2	29.0	29.7	30.5	30.9	30.8	30.7	30.5	30.4	30.2	30.4
97.5°	36.3	36.7	37.2	37.7	37.9	38.0	38.1	38.3	38.4	38.6	38.4
100°	41.2	42.5	43.7	45.0	45.6	45.8	46.1	46.4	46.7	47.0	46.7
102.5°	43.1	44.8	46.5	48.2	49.1	49.3	49.8	50.3	50.7	51.2	50.7
105°	44.5	46.2	47.9	49.6	50.5	50.8	51.4	52.1	52.7	53.3	52.7
107.5°	45.9	47.6	49.3	51.0	51.9	52.2	52.8	53.5	54.1	54.7	54.1
110°	107.2	91.6	76.0	60.4	52.6	52.9	53.5	54.2	54.8	55.4	54.8

TEST NUMBER: P999395

CATALOG NUMBER: SA2XXRDIP-B1005D725UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	289.2	222.0	154.8	87.6	54.0	54.2	54.7	55.2	55.6	56.1	55.6
115°	360.6	288.4	216.3	144.1	108.0	102.4	91.2	79.9	68.7	57.5	68.7
117.5°	448.4	426.1	403.8	381.5	370.4	350.0	309.1	268.3	227.4	186.6	227.4
120°	516.1	517.9	519.8	521.7	522.6	512.1	491.0	470.0	448.9	427.9	448.9
122.5°	556.5	557.5	558.4	559.3	559.8	559.9	560.0	560.2	560.3	560.5	560.3
125°	593.9	595.0	596.1	597.2	597.7	597.9	598.4	598.9	599.3	599.8	599.3
127.5°	628.8	630.3	631.9	633.4	634.2	634.3	634.4	634.6	634.7	634.9	634.7
130°	661.8	663.6	665.3	667.0	667.9	667.8	667.7	667.5	667.4	667.2	667.4
132.5°	694.5	695.9	697.3	698.7	699.4	699.3	699.2	699.0	698.9	698.7	698.9
135°	724.9	726.4	728.0	729.5	730.3	730.1	729.8	729.5	729.2	728.9	729.2
137.5°	753.6	755.2	756.7	758.3	759.1	758.9	758.4	757.9	757.5	757.0	757.5
140°	781.5	782.9	784.3	785.7	786.4	786.0	785.2	784.5	783.7	782.9	783.7
142.5°	807.3	808.6	809.8	811.1	811.7	811.3	810.5	809.8	809.0	808.2	809.0
145°	831.0	832.1	833.2	834.3	834.8	834.4	833.6	832.9	832.1	831.3	832.1
147.5°	852.5	853.3	854.0	854.8	855.2	854.9	854.3	853.6	853.0	852.4	853.0
150°	871.5	872.5	873.4	874.3	874.8	874.4	873.6	872.9	872.1	871.3	872.1
152.5°	889.1	890.0	891.0	891.9	892.4	891.8	890.7	889.6	888.5	887.4	888.5
155°	904.5	905.5	906.4	907.3	907.8	907.2	905.9	904.7	903.4	902.2	903.4
157.5°	918.0	919.1	920.2	921.3	921.8	921.2	919.9	918.7	917.4	916.2	917.4
160°	929.7	930.7	931.6	932.5	933.0	932.5	931.4	930.3	929.2	928.1	929.2
162.5°	940.5	941.6	942.7	943.8	944.3	943.6	942.2	940.8	939.4	938.0	939.4
165°	948.9	950.0	951.1	952.2	952.7	952.2	951.1	950.0	948.9	947.8	948.9
167.5°	956.6	957.7	958.8	959.9	960.4	959.7	958.3	956.9	955.5	954.1	955.5
170°	962.2	963.3	964.4	965.5	966.0	965.3	963.9	962.5	961.1	959.7	961.1
172.5°	966.4	967.5	968.6	969.7	970.2	969.5	968.1	966.7	965.3	963.9	965.3
175°	969.2	970.3	971.4	972.5	973.0	972.2	970.7	969.1	967.6	966.0	967.6
177.5°	969.9	971.0	972.1	973.2	973.7	973.0	971.6	970.2	968.8	967.4	968.8
180°	969.5	969.5	969.5	969.5	969.5	969.5	969.5	969.5	969.5	969.5	969.5

TEST NUMBER: P999395

CATALOG NUMBER: SA2XXRDIP-B1005D725UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7
2.5°	2340.1	2329.3	2326.2	2329.3	2326.2	2327.7	2316.9	2276.8	2287.6	2270.7	2279.9
5°	2472.7	2463.5	2443.4	2440.3	2437.2	2434.2	2418.7	2383.3	2369.4	2346.2	2344.7
7.5°	2599.2	2599.2	2583.8	2573.0	2559.1	2548.3	2528.3	2475.8	2454.2	2426.5	2411.0
10°	2724.2	2684.1	2701.0	2690.2	2656.3	2650.1	2613.1	2582.3	2540.6	2512.8	2488.2
12.5°	2813.6	2801.3	2785.9	2776.6	2767.4	2747.3	2722.6	2644.0	2622.4	2566.8	2539.1
15°	2810.5	2802.8	2807.5	2807.5	2804.4	2799.8	2779.7	2722.6	2685.6	2631.6	2583.8
17.5°	2659.4	2679.4	2699.5	2713.4	2744.2	2758.1	2776.6	2742.7	2719.5	2673.3	2622.4
20°	2395.6	2445.0	2503.6	2515.9	2543.7	2625.4	2662.5	2691.8	2701.0	2685.6	2644.0
22.5°	2028.5	2070.1	2212.0	2209.0	2249.1	2346.2	2454.2	2542.1	2611.6	2650.1	2634.7
25°	1588.8	1647.5	1723.0	1780.1	1911.2	2056.2	2190.4	2330.8	2451.1	2557.6	2583.8
27.5°	1201.7	1278.8	1338.9	1414.5	1480.9	1652.1	1824.9	2043.9	2184.3	2386.3	2491.2
30°	971.8	1007.3	1067.5	1102.9	1135.3	1266.4	1462.3	1678.3	1925.1	2158.0	2338.5
32.5°	829.9	854.6	899.3	914.7	948.7	1036.6	1160.0	1357.5	1612.0	1894.3	2131.8
35°	745.1	771.3	780.5	794.4	822.2	877.7	962.6	1106.0	1335.9	1612.0	1895.8
37.5°	672.6	686.4	712.7	721.9	731.2	772.8	829.9	930.2	1082.9	1309.6	1624.3
40°	621.7	629.4	643.2	651.0	657.1	686.4	737.3	805.2	917.8	1090.6	1380.6
42.5°	567.7	576.9	586.2	595.4	603.1	626.3	657.1	721.9	797.5	928.6	1138.4
45°	515.2	521.4	532.2	538.4	549.2	567.7	595.4	640.2	708.0	791.3	961.0
47.5°	467.4	475.1	479.7	487.4	495.2	515.2	541.4	570.7	626.3	708.0	831.4
50°	424.2	433.5	439.6	441.2	447.3	465.9	487.4	519.8	555.3	618.6	726.5
52.5°	393.4	394.9	399.5	405.7	404.2	414.9	435.0	459.7	496.7	547.6	626.3
55°	357.9	362.5	365.6	367.1	367.1	376.4	387.2	410.3	439.6	481.3	547.6
57.5°	313.1	317.8	327.0	330.1	334.7	339.4	344.0	359.4	384.1	424.2	478.2
60°	266.9	269.9	279.2	285.4	288.5	300.8	307.0	319.3	333.2	362.5	413.4
62.5°	214.4	217.5	222.1	228.3	234.5	253.0	268.4	280.7	291.5	311.6	353.2
65°	186.7	188.2	191.3	192.8	194.4	202.1	216.0	232.9	253.0	268.4	293.1
67.5°	162.0	163.5	165.1	168.1	169.7	171.2	177.4	182.0	202.1	223.7	242.2
70°	138.8	141.9	143.5	143.5	145.0	148.1	151.2	157.3	163.5	174.3	197.4
72.5°	117.2	118.8	121.9	121.9	121.9	124.9	128.0	131.1	134.2	140.4	149.6
75°	97.2	100.3	100.3	100.3	101.8	101.8	104.9	108.0	111.1	115.7	118.8
77.5°	80.2	80.2	80.2	80.2	81.8	81.8	83.3	86.4	87.9	89.5	92.6
80°	60.2	61.7	61.7	61.7	63.2	63.2	63.2	66.3	67.9	67.9	71.0
82.5°	44.7	44.7	44.7	46.3	44.7	46.3	46.3	47.8	46.3	47.8	49.4
85°	27.8	27.8	27.8	29.3	29.3	29.3	29.3	29.3	29.3	29.3	30.9
87.5°	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	15.4	13.9	13.9
90°	18.3	18.0	17.7	17.5	17.1	16.3	15.6	14.8	14.0	12.8	11.5
92.5°	18.6	18.4	18.3	18.2	18.0	17.7	17.4	17.1	16.8	16.3	15.9
95°	30.5	30.7	30.8	30.9	30.5	29.7	29.0	28.2	27.4	26.3	25.2
97.5°	38.3	38.1	38.0	37.9	37.7	37.2	36.7	36.3	35.8	33.3	30.8
100°	46.4	46.1	45.8	45.6	45.0	43.7	42.5	41.2	40.0	37.4	34.7
102.5°	50.3	49.8	49.3	49.1	48.2	46.5	44.8	43.1	41.4	39.8	38.2
105°	52.1	51.4	50.8	50.5	49.6	47.9	46.2	44.5	42.8	41.4	40.0
107.5°	53.5	52.8	52.2	51.9	51.0	49.3	47.6	45.9	44.2	42.8	41.4
110°	54.2	53.5	52.9	52.6	50.4	48.7	47.0	45.3	43.6	42.0	40.4

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	55.2	54.7	54.2	54.0	87.6	154.8	222.0	289.2	356.4	359.0	361.7
115°	79.9	91.2	102.4	108.0	144.1	216.3	288.4	360.6	432.8	428.9	425.0
117.5°	268.3	309.1	350.0	370.4	381.5	403.8	426.1	448.4	470.7	468.1	465.4
120°	470.0	491.0	512.1	522.6	521.7	519.8	517.9	516.1	514.2	511.4	508.6
122.5°	560.2	560.0	559.9	559.8	559.3	558.4	557.5	556.5	555.6	552.5	549.4
125°	598.9	598.4	597.9	597.7	597.2	596.1	595.0	593.9	592.8	589.8	586.9
127.5°	634.6	634.4	634.3	634.2	633.4	631.9	630.3	628.8	627.2	624.8	622.5
130°	667.5	667.7	667.8	667.9	667.0	665.3	663.6	661.8	660.1	658.4	656.7
132.5°	699.0	699.2	699.3	699.4	698.7	697.3	695.9	694.5	693.1	691.4	689.7
135°	729.5	729.8	730.1	730.3	729.5	728.0	726.4	724.9	723.3	721.9	720.5
137.5°	757.9	758.4	758.9	759.1	758.3	756.7	755.2	753.6	752.0	750.4	748.9
140°	784.5	785.2	786.0	786.4	785.7	784.3	782.9	781.5	780.1	778.4	776.7
142.5°	809.8	810.5	811.3	811.7	811.1	809.8	808.6	807.3	806.1	804.1	802.0
145°	832.9	833.6	834.4	834.8	834.3	833.2	832.1	831.0	829.9	827.3	824.6
147.5°	853.6	854.3	854.9	855.2	854.8	854.0	853.3	852.5	851.7	849.0	846.4
150°	872.9	873.6	874.4	874.8	874.3	873.4	872.5	871.5	870.6	868.1	865.6
152.5°	889.6	890.7	891.8	892.4	891.9	891.0	890.0	889.1	888.1	885.8	883.4
155°	904.7	905.9	907.2	907.8	907.3	906.4	905.5	904.5	903.6	901.7	899.9
157.5°	918.7	919.9	921.2	921.8	921.3	920.2	919.1	918.0	916.9	915.5	914.1
160°	930.3	931.4	932.5	933.0	932.5	931.6	930.7	929.7	928.8	927.9	926.9
162.5°	940.8	942.2	943.6	944.3	943.8	942.7	941.6	940.5	939.4	938.6	937.8
165°	950.0	951.1	952.2	952.7	952.2	951.1	950.0	948.9	947.8	947.3	946.9
167.5°	956.9	958.3	959.7	960.4	959.9	958.8	957.7	956.6	955.5	955.0	954.6
170°	962.5	963.9	965.3	966.0	965.5	964.4	963.3	962.2	961.1	960.8	960.5
172.5°	966.7	968.1	969.5	970.2	969.7	968.6	967.5	966.4	965.3	965.0	964.7
175°	969.1	970.7	972.2	973.0	972.5	971.4	970.3	969.2	968.1	967.8	967.5
177.5°	970.2	971.6	973.0	973.7	973.2	972.1	971.0	969.9	968.8	968.6	968.5
180°	969.5	969.5	969.5	969.5	969.5	969.5	969.5	969.5	969.5	969.5	969.5

TEST NUMBER: P999395

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7
2.5°	2266.0	2258.3	2258.3	2253.7	2253.7	2229.0	2229.0	2236.7	2227.5	2216.7	2201.2
5°	2324.6	2307.7	2303.0	2296.9	2276.8	2246.0	2233.6	2229.0	2210.5	2187.4	2161.1
7.5°	2380.2	2352.4	2338.5	2324.6	2298.4	2255.2	2230.5	2213.6	2185.8	2150.3	2116.4
10°	2434.2	2398.7	2363.2	2346.2	2309.2	2255.2	2219.7	2192.0	2151.9	2104.1	2056.2
12.5°	2483.5	2409.5	2403.3	2369.4	2315.4	2253.7	2199.7	2159.6	2108.7	2053.2	1997.6
15°	2526.7	2451.1	2414.1	2383.3	2312.3	2235.2	2178.1	2128.7	2060.9	1997.6	1929.7
17.5°	2548.3	2466.6	2441.9	2391.0	2318.5	2218.2	2141.1	2080.9	2006.9	1931.3	1854.2
20°	2569.9	2474.3	2434.2	2398.7	2300.0	2185.8	2099.4	2030.0	1948.3	1858.8	1773.9
22.5°	2580.7	2474.3	2426.5	2377.1	2281.5	2150.3	2048.5	1966.8	1871.1	1780.1	1678.3
25°	2562.2	2465.0	2407.9	2357.0	2249.1	2107.1	1989.9	1897.4	1795.5	1692.2	1588.8
27.5°	2515.9	2443.4	2377.1	2324.6	2204.3	2051.6	1928.2	1823.3	1718.4	1602.7	1497.8
30°	2429.5	2397.1	2344.7	2286.1	2155.0	2002.2	1855.7	1747.7	1632.0	1516.3	1406.8
32.5°	2295.3	2323.1	2289.2	2238.3	2096.3	1934.4	1778.6	1669.1	1542.6	1417.6	1317.3
35°	2131.8	2230.5	2212.0	2176.6	2034.6	1861.9	1706.1	1573.4	1446.9	1320.4	1220.2
37.5°	1952.9	2102.5	2117.9	2096.3	1963.7	1787.8	1616.6	1487.0	1357.5	1229.4	1127.6
40°	1707.6	1937.5	1986.8	1996.1	1889.6	1698.4	1519.4	1392.9	1264.9	1140.0	1016.5
42.5°	1482.4	1772.4	1834.1	1872.7	1795.5	1610.4	1430.0	1289.6	1163.1	1050.5	927.1
45°	1271.1	1573.4	1673.7	1723.0	1689.1	1510.2	1323.5	1192.4	1076.7	973.4	854.6
47.5°	1053.6	1357.5	1497.8	1576.5	1576.5	1408.4	1221.7	1092.1	981.1	893.1	788.2
50°	908.6	1161.5	1306.6	1409.9	1437.7	1305.0	1129.2	1002.7	897.8	802.1	721.9
52.5°	774.4	1001.1	1121.4	1229.4	1309.6	1193.9	1025.8	911.7	808.3	718.8	655.6
55°	669.5	839.2	948.7	1067.5	1156.9	1081.3	925.5	814.5	725.0	651.0	597.0
57.5°	569.2	717.3	806.8	911.7	1007.3	950.2	825.3	729.6	651.0	586.2	538.4
60°	484.4	604.7	674.1	755.9	874.6	834.5	731.2	643.2	580.0	521.4	481.3
62.5°	411.9	507.5	566.1	624.7	732.7	714.2	634.0	566.1	512.1	462.8	428.8
65°	337.8	416.5	462.8	513.7	600.1	607.8	543.0	495.2	445.8	402.6	371.8
67.5°	273.0	334.7	376.4	419.6	489.0	510.6	465.9	425.7	384.1	348.6	320.9
70°	220.6	263.8	294.6	328.6	385.6	411.9	388.7	361.0	327.0	297.7	273.0
72.5°	174.3	202.1	220.6	246.8	293.1	319.3	317.8	293.1	268.4	248.4	228.3
75°	128.0	149.6	165.1	182.0	219.0	243.7	249.9	239.1	214.4	199.0	183.6
77.5°	97.2	109.5	117.2	129.6	155.8	177.4	186.7	183.6	166.6	154.3	143.5
80°	74.0	77.1	80.2	84.8	106.4	126.5	132.7	131.1	121.9	117.2	104.9
82.5°	52.4	54.0	55.5	57.1	64.8	81.8	87.9	91.0	83.3	78.7	67.9
85°	30.9	32.4	32.4	35.5	37.0	41.6	52.4	52.4	50.9	44.7	43.2
87.5°	15.4	15.4	13.9	13.9	15.4	17.0	20.1	23.1	20.1	18.5	17.0
90°	10.3	9.0	8.4	7.5	5.8	4.1	2.4	0.7	2.4	4.1	5.8
92.5°	15.4	14.9	14.7	15.0	15.6	16.3	16.9	17.5	16.9	16.3	15.6
95°	24.1	23.0	22.4	25.0	30.1	35.3	40.4	45.6	40.4	35.3	30.1
97.5°	28.3	25.8	24.6	31.0	43.8	56.5	69.3	82.1	69.3	56.5	43.8
100°	32.1	29.4	28.1	38.8	60.1	81.5	102.8	124.2	102.8	81.5	60.1
102.5°	126.5	154.9	169.1	169.3	169.6	169.9	170.2	170.5	170.2	169.9	169.6
105°	170.5	213.0	234.3	232.0	227.3	222.6	218.0	213.3	218.0	222.6	227.3
107.5°	201.8	254.3	280.6	278.7	274.8	270.9	267.0	263.1	267.0	270.9	274.8
110°	257.9	303.0	325.5	323.9	320.6	317.3	314.1	310.8	314.1	317.3	320.6

TEST NUMBER: P999395

CATALOG NUMBER: SA2XXRDIP-B1005D725UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	364.3	367.0	368.3	366.9	364.1	361.3	358.5	355.7	358.5	361.3	364.1
115°	421.1	417.2	415.3	414.0	411.3	408.7	406.0	403.4	406.0	408.7	411.3
117.5°	462.8	460.1	458.8	457.2	454.1	451.0	447.9	444.8	447.9	451.0	454.1
120°	505.8	503.0	501.6	500.4	498.1	495.8	493.4	491.1	493.4	495.8	498.1
122.5°	546.3	543.2	541.6	540.4	537.9	535.4	532.9	530.4	532.9	535.4	537.9
125°	583.9	581.0	579.5	578.5	576.4	574.4	572.3	570.3	572.3	574.4	576.4
127.5°	620.1	617.8	616.6	615.5	613.3	611.2	609.0	606.8	609.0	611.2	613.3
130°	655.0	653.3	652.4	651.2	648.7	646.2	643.7	641.2	643.7	646.2	648.7
132.5°	688.0	686.3	685.4	684.4	682.4	680.3	678.3	676.3	678.3	680.3	682.4
135°	719.1	717.7	717.0	715.7	713.2	710.7	708.2	705.7	708.2	710.7	713.2
137.5°	747.3	745.8	745.0	744.1	742.2	740.3	738.5	736.6	738.5	740.3	742.2
140°	775.0	773.3	772.4	771.8	770.5	769.3	768.0	766.8	768.0	769.3	770.5
142.5°	800.0	797.9	796.9	796.4	795.3	794.2	793.1	792.0	793.1	794.2	795.3
145°	822.0	819.3	818.0	818.1	818.2	818.4	818.5	818.7	818.5	818.4	818.2
147.5°	843.7	841.0	839.7	839.9	840.4	840.9	841.3	841.8	841.3	840.9	840.4
150°	863.1	860.6	859.4	859.9	861.0	862.1	863.2	864.3	863.2	862.1	861.0
152.5°	881.1	878.8	877.6	878.2	879.5	880.7	882.0	883.2	882.0	880.7	879.5
155°	898.0	896.1	895.2	895.9	897.3	898.7	900.1	901.5	900.1	898.7	897.3
157.5°	912.7	911.3	910.6	911.2	912.5	913.7	915.0	916.2	915.0	913.7	912.5
160°	926.0	925.1	924.6	925.1	926.0	926.9	927.9	928.8	927.9	926.9	926.0
162.5°	937.0	936.2	935.8	936.3	937.2	938.2	939.1	940.1	939.1	938.2	937.2
165°	946.4	945.9	945.7	946.2	947.1	948.0	949.0	949.9	949.0	948.0	947.1
167.5°	954.1	953.6	953.4	953.9	954.8	955.7	956.7	957.6	956.7	955.7	954.8
170°	960.2	959.9	959.7	960.2	961.1	962.0	963.0	963.9	963.0	962.0	961.1
172.5°	964.4	964.1	963.9	964.4	965.3	966.2	967.2	968.1	967.2	966.2	965.3
175°	967.2	966.9	966.7	967.2	968.3	969.4	970.5	971.6	970.5	969.4	968.3
177.5°	968.3	968.2	968.1	968.6	969.7	970.8	971.9	973.0	971.9	970.8	969.7
180°	969.5	969.5	969.5	969.5	969.5	969.5	969.5	969.5	969.5	969.5	969.5

TEST NUMBER: P999395

CATALOG NUMBER: SA2XXRDIP-B1005D725UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7
2.5°	2195.1	2196.6	2201.2	2187.4	2165.8	2156.5	2128.7	2124.1	2119.5	2119.5	2124.1
5°	2145.7	2139.5	2141.1	2114.9	2084.0	2065.5	2026.9	2033.1	2013.0	2000.7	2003.8
7.5°	2091.7	2074.7	2073.2	2039.3	2000.7	1966.8	1926.7	1917.4	1898.9	1877.3	1868.0
10°	2023.8	2011.5	1988.4	1949.8	1900.4	1872.7	1818.7	1786.3	1781.7	1749.3	1736.9
12.5°	1954.4	1932.8	1909.7	1855.7	1800.2	1755.4	1715.3	1679.9	1655.2	1627.4	1608.9
15°	1874.2	1848.0	1821.8	1764.7	1699.9	1655.2	1595.0	1542.6	1470.1	1413.0	1380.6
17.5°	1786.3	1757.0	1721.5	1658.3	1595.0	1533.3	1422.2	1360.5	1309.6	1275.7	1255.6
20°	1695.3	1662.9	1627.4	1564.2	1454.6	1346.7	1285.0	1237.1	1206.3	1172.3	1147.7
22.5°	1599.6	1565.7	1527.1	1428.4	1312.7	1237.1	1189.3	1144.6	1099.8	1081.3	1069.0
25°	1510.2	1479.3	1430.0	1295.8	1204.7	1135.3	1081.3	1052.0	1028.9	1004.2	981.1
27.5°	1417.6	1360.5	1291.1	1178.5	1121.4	1050.5	1011.9	990.3	950.2	933.3	922.5
30°	1306.6	1243.3	1177.0	1096.8	1030.4	981.1	945.6	910.1	887.0	870.0	851.5
32.5°	1193.9	1133.8	1092.1	1008.8	959.5	908.6	874.6	853.0	819.1	808.3	800.6
35°	1096.8	1045.9	1008.8	941.0	894.7	848.4	823.7	791.3	769.7	749.7	737.3
37.5°	1001.1	973.4	934.8	877.7	828.4	791.3	757.4	746.6	717.3	706.5	694.2
40°	934.8	893.1	860.8	811.4	769.7	729.6	708.0	683.4	663.3	646.3	641.7
42.5°	854.6	823.7	805.2	751.2	708.0	684.9	658.7	630.9	615.5	601.6	584.6
45°	794.4	766.7	740.4	697.2	658.7	629.4	606.2	587.7	561.5	555.3	529.1
47.5°	731.2	703.4	683.4	640.2	604.7	576.9	560.0	535.3	513.7	499.8	487.4
50°	667.9	644.8	626.3	589.3	558.4	529.1	506.0	481.3	472.0	448.9	441.2
52.5°	607.8	592.3	572.3	536.8	506.0	481.3	456.6	436.5	422.7	410.3	401.1
55°	556.9	532.2	522.9	484.4	458.1	431.9	410.3	398.0	381.0	373.3	365.6
57.5°	499.8	485.9	470.5	441.2	411.9	387.2	371.8	353.2	344.0	334.7	328.6
60°	450.4	430.4	418.0	393.4	367.1	344.0	330.1	316.2	303.9	296.2	283.8
62.5°	393.4	377.9	370.2	344.0	322.4	300.8	288.5	274.6	265.3	251.4	236.0
65°	344.0	331.7	322.4	300.8	280.7	260.7	248.4	231.4	219.0	211.3	209.8
67.5°	300.8	291.5	277.7	257.6	237.6	222.1	208.2	194.4	192.8	189.7	189.7
70°	253.0	243.7	236.0	214.4	197.4	180.5	177.4	172.8	168.1	166.6	163.5
72.5°	211.3	203.6	194.4	175.9	158.9	154.3	151.2	148.1	143.5	141.9	140.4
75°	171.2	160.4	154.3	137.3	132.7	129.6	126.5	121.9	118.8	117.2	114.1
77.5°	131.1	120.3	120.3	111.1	108.0	103.4	100.3	97.2	95.6	92.6	92.6
80°	92.6	92.6	89.5	84.8	80.2	78.7	74.0	72.5	71.0	72.5	69.4
82.5°	67.9	61.7	61.7	58.6	55.5	54.0	50.9	50.9	49.4	49.4	49.4
85°	38.6	38.6	37.0	33.9	32.4	32.4	30.9	30.9	29.3	29.3	27.8
87.5°	15.4	13.9	15.4	13.9	13.9	12.3	12.3	12.3	10.8	12.3	10.8
90°	7.5	8.4	9.0	10.3	11.5	12.8	14.0	14.8	15.6	16.3	17.1
92.5°	15.0	14.7	14.9	15.4	15.9	16.3	16.8	17.1	17.4	17.7	18.0
95°	25.0	22.4	23.0	24.1	25.2	26.3	27.4	28.2	29.0	29.7	30.5
97.5°	31.0	24.6	25.8	28.3	30.8	33.3	35.8	36.3	36.7	37.2	37.7
100°	38.8	28.1	29.4	32.1	34.7	37.4	40.0	41.2	42.5	43.7	45.0
102.5°	169.3	169.1	154.9	126.5	98.2	69.8	41.4	43.1	44.8	46.5	48.2
105°	232.0	234.3	213.0	170.5	127.9	85.4	42.8	44.5	46.2	47.9	49.6
107.5°	278.7	280.6	254.3	201.8	149.3	96.7	44.2	45.9	47.6	49.3	51.0
110°	323.9	325.5	303.0	257.9	212.9	167.8	122.8	107.2	91.6	76.0	60.4

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CATALOG NUMBER: SA2XXRDIP-B1005D725UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	366.9	368.3	367.0	364.3	361.7	359.0	356.4	289.2	222.0	154.8	87.6
115°	414.0	415.3	417.2	421.1	425.0	428.9	432.8	360.6	288.4	216.3	144.1
117.5°	457.2	458.8	460.1	462.8	465.4	468.1	470.7	448.4	426.1	403.8	381.5
120°	500.4	501.6	503.0	505.8	508.6	511.4	514.2	516.1	517.9	519.8	521.7
122.5°	540.4	541.6	543.2	546.3	549.4	552.5	555.6	556.5	557.5	558.4	559.3
125°	578.5	579.5	581.0	583.9	586.9	589.8	592.8	593.9	595.0	596.1	597.2
127.5°	615.5	616.6	617.8	620.1	622.5	624.8	627.2	628.8	630.3	631.9	633.4
130°	651.2	652.4	653.3	655.0	656.7	658.4	660.1	661.8	663.6	665.3	667.0
132.5°	684.4	685.4	686.3	688.0	689.7	691.4	693.1	694.5	695.9	697.3	698.7
135°	715.7	717.0	717.7	719.1	720.5	721.9	723.3	724.9	726.4	728.0	729.5
137.5°	744.1	745.0	745.8	747.3	748.9	750.4	752.0	753.6	755.2	756.7	758.3
140°	771.8	772.4	773.3	775.0	776.7	778.4	780.1	781.5	782.9	784.3	785.7
142.5°	796.4	796.9	797.9	800.0	802.0	804.1	806.1	807.3	808.6	809.8	811.1
145°	818.1	818.0	819.3	822.0	824.6	827.3	829.9	831.0	832.1	833.2	834.3
147.5°	839.9	839.7	841.0	843.7	846.4	849.0	851.7	852.5	853.3	854.0	854.8
150°	859.9	859.4	860.6	863.1	865.6	868.1	870.6	871.5	872.5	873.4	874.3
152.5°	878.2	877.6	878.8	881.1	883.4	885.8	888.1	889.1	890.0	891.0	891.9
155°	895.9	895.2	896.1	898.0	899.9	901.7	903.6	904.5	905.5	906.4	907.3
157.5°	911.2	910.6	911.3	912.7	914.1	915.5	916.9	918.0	919.1	920.2	921.3
160°	925.1	924.6	925.1	926.0	926.9	927.9	928.8	929.7	930.7	931.6	932.5
162.5°	936.3	935.8	936.2	937.0	937.8	938.6	939.4	940.5	941.6	942.7	943.8
165°	946.2	945.7	945.9	946.4	946.9	947.3	947.8	948.9	950.0	951.1	952.2
167.5°	953.9	953.4	953.6	954.1	954.6	955.0	955.5	956.6	957.7	958.8	959.9
170°	960.2	959.7	959.9	960.2	960.5	960.8	961.1	962.2	963.3	964.4	965.5
172.5°	964.4	963.9	964.1	964.4	964.7	965.0	965.3	966.4	967.5	968.6	969.7
175°	967.2	966.7	966.9	967.2	967.5	967.8	968.1	969.2	970.3	971.4	972.5
177.5°	968.6	968.1	968.2	968.3	968.5	968.6	968.8	969.9	971.0	972.1	973.2
180°	969.5	969.5	969.5	969.5	969.5	969.5	969.5	969.5	969.5	969.5	969.5

TEST NUMBER: P999395

CATALOG NUMBER: SA2XXRDIP-B1005D725UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7
2.5°	2124.1	2121.0	2111.8	2114.9	2110.2	2110.2	2107.1	2107.1	2107.1	2114.9	2110.2
5°	2008.4	1997.6	1986.8	1982.2	1977.6	1972.9	1972.9	1971.4	1985.3	1982.2	1994.5
7.5°	1865.0	1861.9	1840.3	1840.3	1832.6	1829.5	1837.2	1838.7	1840.3	1843.4	1851.1
10°	1736.9	1729.2	1698.4	1701.4	1696.8	1690.6	1695.3	1692.2	1703.0	1706.1	1703.0
12.5°	1585.8	1571.9	1537.9	1521.0	1502.5	1488.6	1505.5	1493.2	1536.4	1548.7	1582.7
15°	1385.2	1359.0	1335.9	1335.9	1318.9	1306.6	1314.3	1328.1	1337.4	1351.3	1357.5
17.5°	1251.0	1240.2	1221.7	1210.9	1206.3	1201.7	1201.7	1207.8	1227.9	1226.3	1238.7
20°	1136.9	1130.7	1121.4	1107.6	1102.9	1099.8	1099.8	1099.8	1113.7	1126.1	1133.8
22.5°	1058.2	1053.6	1047.4	1028.9	1019.6	1016.5	1024.3	1028.9	1039.7	1048.9	1056.7
25°	979.5	968.7	957.9	951.8	947.1	947.1	950.2	951.8	956.4	961.0	970.3
27.5°	914.7	907.0	891.6	874.6	874.6	870.0	873.1	876.2	887.0	902.4	910.1
30°	842.2	840.7	834.5	828.4	822.2	819.1	825.3	829.9	831.4	839.2	839.2
32.5°	789.8	779.0	768.2	762.0	758.9	757.4	758.9	765.1	765.1	774.4	785.2
35°	737.3	731.2	720.4	709.6	706.5	698.8	705.0	711.1	721.9	726.5	731.2
37.5°	680.3	672.6	667.9	664.8	658.7	660.2	655.6	664.8	674.1	672.6	675.6
40°	637.1	623.2	609.3	607.8	606.2	604.7	604.7	606.2	612.4	618.6	627.8
42.5°	581.5	576.9	564.6	552.2	549.2	546.1	543.0	549.2	561.5	572.3	576.9
45°	524.5	518.3	515.2	506.0	499.8	498.2	495.2	502.9	513.7	518.3	521.4
47.5°	472.0	470.5	461.2	462.8	458.1	459.7	458.1	462.8	462.8	467.4	470.5
50°	436.5	431.9	427.3	424.2	419.6	419.6	418.0	419.6	425.7	431.9	430.4
52.5°	401.1	393.4	391.8	390.3	387.2	390.3	385.6	387.2	393.4	396.4	394.9
55°	359.4	357.9	354.8	351.7	350.2	348.6	348.6	348.6	354.8	359.4	361.0
57.5°	327.0	319.3	313.1	313.1	307.0	305.4	308.5	310.1	314.7	317.8	320.9
60°	282.3	279.2	269.9	265.3	256.1	254.5	254.5	260.7	268.4	279.2	282.3
62.5°	234.5	229.8	228.3	228.3	228.3	228.3	228.3	228.3	228.3	229.8	229.8
65°	208.2	209.8	208.2	206.7	208.2	208.2	206.7	206.7	206.7	208.2	209.8
67.5°	186.7	185.1	186.7	185.1	183.6	183.6	182.0	183.6	185.1	186.7	186.7
70°	162.0	162.0	160.4	162.0	160.4	158.9	157.3	157.3	160.4	162.0	162.0
72.5°	138.8	138.8	137.3	137.3	134.2	134.2	135.7	134.2	134.2	138.8	138.8
75°	115.7	114.1	112.6	112.6	111.1	111.1	111.1	109.5	112.6	112.6	114.1
77.5°	91.0	91.0	91.0	89.5	89.5	87.9	87.9	89.5	89.5	89.5	91.0
80°	69.4	69.4	69.4	67.9	66.3	66.3	66.3	66.3	66.3	67.9	66.3
82.5°	47.8	47.8	47.8	47.8	47.8	46.3	46.3	46.3	47.8	47.8	46.3
85°	29.3	27.8	29.3	29.3	27.8	29.3	27.8	27.8	26.2	26.2	27.8
87.5°	12.3	10.8	9.3	9.3	10.8	9.3	9.3	9.3	10.8	9.3	9.3
90°	17.5	17.7	18.0	18.3	18.6	18.9	18.6	18.3	18.0	17.7	17.5
92.5°	18.2	18.3	18.4	18.6	18.7	18.9	18.7	18.6	18.4	18.3	18.2
95°	30.9	30.8	30.7	30.5	30.4	30.2	30.4	30.5	30.7	30.8	30.9
97.5°	37.9	38.0	38.1	38.3	38.4	38.6	38.4	38.3	38.1	38.0	37.9
100°	45.6	45.8	46.1	46.4	46.7	47.0	46.7	46.4	46.1	45.8	45.6
102.5°	49.1	49.3	49.8	50.3	50.7	51.2	50.7	50.3	49.8	49.3	49.1
105°	50.5	50.8	51.4	52.1	52.7	53.3	52.7	52.1	51.4	50.8	50.5
107.5°	51.9	52.2	52.8	53.5	54.1	54.7	54.1	53.5	52.8	52.2	51.9
110°	52.6	52.9	53.5	54.2	54.8	55.4	54.8	54.2	53.5	52.9	52.6

TEST NUMBER: P999395

CATALOG NUMBER: SA2XXRDIP-B1005D725UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	54.0	54.2	54.7	55.2	55.6	56.1	55.6	55.2	54.7	54.2	54.0
115°	108.0	102.4	91.2	79.9	68.7	57.5	68.7	79.9	91.2	102.4	108.0
117.5°	370.4	350.0	309.1	268.3	227.4	186.6	227.4	268.3	309.1	350.0	370.4
120°	522.6	512.1	491.0	470.0	448.9	427.9	448.9	470.0	491.0	512.1	522.6
122.5°	559.8	559.9	560.0	560.2	560.3	560.5	560.3	560.2	560.0	559.9	559.8
125°	597.7	597.9	598.4	598.9	599.3	599.8	599.3	598.9	598.4	597.9	597.7
127.5°	634.2	634.3	634.4	634.6	634.7	634.9	634.7	634.6	634.4	634.3	634.2
130°	667.9	667.8	667.7	667.5	667.4	667.2	667.4	667.5	667.7	667.8	667.9
132.5°	699.4	699.3	699.2	699.0	698.9	698.7	698.9	699.0	699.2	699.3	699.4
135°	730.3	730.1	729.8	729.5	729.2	728.9	729.2	729.5	729.8	730.1	730.3
137.5°	759.1	758.9	758.4	757.9	757.5	757.0	757.5	757.9	758.4	758.9	759.1
140°	786.4	786.0	785.2	784.5	783.7	782.9	783.7	784.5	785.2	786.0	786.4
142.5°	811.7	811.3	810.5	809.8	809.0	808.2	809.0	809.8	810.5	811.3	811.7
145°	834.8	834.4	833.6	832.9	832.1	831.3	832.1	832.9	833.6	834.4	834.8
147.5°	855.2	854.9	854.3	853.6	853.0	852.4	853.0	853.6	854.3	854.9	855.2
150°	874.8	874.4	873.6	872.9	872.1	871.3	872.1	872.9	873.6	874.4	874.8
152.5°	892.4	891.8	890.7	889.6	888.5	887.4	888.5	889.6	890.7	891.8	892.4
155°	907.8	907.2	905.9	904.7	903.4	902.2	903.4	904.7	905.9	907.2	907.8
157.5°	921.8	921.2	919.9	918.7	917.4	916.2	917.4	918.7	919.9	921.2	921.8
160°	933.0	932.5	931.4	930.3	929.2	928.1	929.2	930.3	931.4	932.5	933.0
162.5°	944.3	943.6	942.2	940.8	939.4	938.0	939.4	940.8	942.2	943.6	944.3
165°	952.7	952.2	951.1	950.0	948.9	947.8	948.9	950.0	951.1	952.2	952.7
167.5°	960.4	959.7	958.3	956.9	955.5	954.1	955.5	956.9	958.3	959.7	960.4
170°	966.0	965.3	963.9	962.5	961.1	959.7	961.1	962.5	963.9	965.3	966.0
172.5°	970.2	969.5	968.1	966.7	965.3	963.9	965.3	966.7	968.1	969.5	970.2
175°	973.0	972.2	970.7	969.1	967.6	966.0	967.6	969.1	970.7	972.2	973.0
177.5°	973.7	973.0	971.6	970.2	968.8	967.4	968.8	970.2	971.6	973.0	973.7
180°	969.5	969.5	969.5	969.5	969.5	969.5	969.5	969.5	969.5	969.5	969.5

TEST NUMBER: P999395

CATALOG NUMBER: SA2XXRDIP-B1005D725UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7	2219.7
2.5°	2114.9	2122.6	2119.5	2102.5	2119.5	2124.1	2133.4	2142.6	2148.8	2158.0	2165.8
5°	1982.2	1997.6	2006.9	1997.6	2028.5	2033.1	2054.7	2067.0	2085.5	2101.0	2113.3
7.5°	1857.2	1869.6	1888.1	1891.2	1909.7	1931.3	1962.1	1993.0	2022.3	2037.7	2051.6
10°	1723.0	1744.6	1772.4	1766.2	1794.0	1827.9	1860.3	1909.7	1934.4	1962.1	1986.8
12.5°	1588.8	1602.7	1639.7	1652.1	1692.2	1718.4	1763.1	1794.0	1855.7	1888.1	1909.7
15°	1354.4	1411.4	1457.7	1513.3	1565.7	1615.1	1655.2	1710.7	1764.7	1789.4	1824.9
17.5°	1247.9	1274.2	1301.9	1329.7	1397.6	1485.5	1556.4	1616.6	1662.9	1695.3	1736.9
20°	1136.9	1163.1	1193.9	1220.2	1261.8	1325.1	1413.0	1516.3	1571.9	1605.8	1645.9
22.5°	1058.2	1082.9	1102.9	1126.1	1158.5	1204.7	1271.1	1399.1	1473.1	1514.8	1550.3
25°	973.4	1004.2	1025.8	1042.8	1069.0	1119.9	1173.9	1246.4	1379.1	1411.4	1460.8
27.5°	914.7	924.0	948.7	974.9	1001.1	1028.9	1084.4	1146.1	1235.6	1306.6	1366.7
30°	845.3	868.5	891.6	902.4	925.5	965.6	999.6	1065.9	1135.3	1190.9	1263.4
32.5°	792.9	806.8	822.2	848.4	870.0	897.8	931.7	987.2	1045.9	1081.3	1136.9
35°	734.3	743.5	775.9	786.7	808.3	836.1	870.0	913.2	976.4	1004.2	1044.3
37.5°	678.7	700.3	709.6	734.3	754.3	782.1	806.8	856.1	897.8	930.2	967.2
40°	635.5	644.8	661.8	683.4	700.3	721.9	752.8	788.2	833.0	859.2	891.6
42.5°	583.1	590.8	612.4	624.7	652.5	672.6	691.1	734.3	774.4	794.4	826.8
45°	526.0	544.5	558.4	583.1	598.5	623.2	646.3	677.2	714.2	737.3	755.9
47.5°	476.7	495.2	509.0	532.2	556.9	567.7	592.3	624.7	658.7	677.2	703.4
50°	436.5	442.7	468.9	479.7	506.0	527.6	544.5	572.3	609.3	620.1	641.7
52.5°	398.0	402.6	419.6	433.5	456.6	475.1	496.7	522.9	553.8	570.7	587.7
55°	364.0	367.1	374.8	390.3	405.7	428.8	448.9	473.6	499.8	518.3	533.7
57.5°	325.5	331.7	337.8	347.1	362.5	384.1	405.7	428.8	450.4	462.8	482.8
60°	280.7	290.0	300.8	311.6	322.4	337.8	362.5	384.1	404.2	414.9	430.4
62.5°	232.9	251.4	260.7	273.0	282.3	296.2	314.7	339.4	353.2	367.1	379.5
65°	209.8	211.3	212.9	225.2	242.2	256.1	273.0	291.5	313.1	322.4	331.7
67.5°	186.7	188.2	191.3	192.8	199.0	214.4	232.9	253.0	269.9	276.1	285.4
70°	163.5	163.5	169.7	171.2	172.8	174.3	189.7	209.8	225.2	232.9	243.7
72.5°	138.8	140.4	143.5	145.0	148.1	151.2	155.8	166.6	185.1	192.8	205.2
75°	114.1	115.7	117.2	118.8	123.4	124.9	129.6	135.7	143.5	152.7	160.4
77.5°	91.0	91.0	92.6	95.6	98.7	100.3	104.9	108.0	111.1	115.7	121.9
80°	67.9	69.4	69.4	72.5	72.5	74.0	75.6	80.2	83.3	86.4	89.5
82.5°	46.3	49.4	49.4	49.4	50.9	52.4	54.0	54.0	57.1	58.6	63.2
85°	27.8	29.3	29.3	29.3	27.8	30.9	30.9	32.4	32.4	32.4	33.9
87.5°	10.8	9.3	10.8	10.8	10.8	12.3	10.8	10.8	12.3	13.9	13.9
90°	17.1	16.3	15.6	14.8	14.0	12.8	11.5	10.3	9.0	8.4	7.5
92.5°	18.0	17.7	17.4	17.1	16.8	16.3	15.9	15.4	14.9	14.7	15.0
95°	30.5	29.7	29.0	28.2	27.4	26.3	25.2	24.1	23.0	22.4	25.0
97.5°	37.7	37.2	36.7	36.3	35.8	33.3	30.8	28.3	25.8	24.6	31.0
100°	45.0	43.7	42.5	41.2	40.0	37.4	34.7	32.1	29.4	28.1	38.8
102.5°	48.2	46.5	44.8	43.1	41.4	69.8	98.2	126.5	154.9	169.1	169.3
105°	49.6	47.9	46.2	44.5	42.8	85.4	127.9	170.5	213.0	234.3	232.0
107.5°	51.0	49.3	47.6	45.9	44.2	96.7	149.3	201.8	254.3	280.6	278.7
110°	60.4	76.0	91.6	107.2	122.8	167.8	212.9	257.9	303.0	325.5	323.9

TEST NUMBER: P999395

CATALOG NUMBER: SA2XXRDIP-B1005D725UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	87.6	154.8	222.0	289.2	356.4	359.0	361.7	364.3	367.0	368.3	366.9
115°	144.1	216.3	288.4	360.6	432.8	428.9	425.0	421.1	417.2	415.3	414.0
117.5°	381.5	403.8	426.1	448.4	470.7	468.1	465.4	462.8	460.1	458.8	457.2
120°	521.7	519.8	517.9	516.1	514.2	511.4	508.6	505.8	503.0	501.6	500.4
122.5°	559.3	558.4	557.5	556.5	555.6	552.5	549.4	546.3	543.2	541.6	540.4
125°	597.2	596.1	595.0	593.9	592.8	589.8	586.9	583.9	581.0	579.5	578.5
127.5°	633.4	631.9	630.3	628.8	627.2	624.8	622.5	620.1	617.8	616.6	615.5
130°	667.0	665.3	663.6	661.8	660.1	658.4	656.7	655.0	653.3	652.4	651.2
132.5°	698.7	697.3	695.9	694.5	693.1	691.4	689.7	688.0	686.3	685.4	684.4
135°	729.5	728.0	726.4	724.9	723.3	721.9	720.5	719.1	717.7	717.0	715.7
137.5°	758.3	756.7	755.2	753.6	752.0	750.4	748.9	747.3	745.8	745.0	744.1
140°	785.7	784.3	782.9	781.5	780.1	778.4	776.7	775.0	773.3	772.4	771.8
142.5°	811.1	809.8	808.6	807.3	806.1	804.1	802.0	800.0	797.9	796.9	796.4
145°	834.3	833.2	832.1	831.0	829.9	827.3	824.6	822.0	819.3	818.0	818.1
147.5°	854.8	854.0	853.3	852.5	851.7	849.0	846.4	843.7	841.0	839.7	839.9
150°	874.3	873.4	872.5	871.5	870.6	868.1	865.6	863.1	860.6	859.4	859.9
152.5°	891.9	891.0	890.0	889.1	888.1	885.8	883.4	881.1	878.8	877.6	878.2
155°	907.3	906.4	905.5	904.5	903.6	901.7	899.9	898.0	896.1	895.2	895.9
157.5°	921.3	920.2	919.1	918.0	916.9	915.5	914.1	912.7	911.3	910.6	911.2
160°	932.5	931.6	930.7	929.7	928.8	927.9	926.9	926.0	925.1	924.6	925.1
162.5°	943.8	942.7	941.6	940.5	939.4	938.6	937.8	937.0	936.2	935.8	936.3
165°	952.2	951.1	950.0	948.9	947.8	947.3	946.9	946.4	945.9	945.7	946.2
167.5°	959.9	958.8	957.7	956.6	955.5	955.0	954.6	954.1	953.6	953.4	953.9
170°	965.5	964.4	963.3	962.2	961.1	960.8	960.5	960.2	959.9	959.7	960.2
172.5°	969.7	968.6	967.5	966.4	965.3	965.0	964.7	964.4	964.1	963.9	964.4
175°	972.5	971.4	970.3	969.2	968.1	967.8	967.5	967.2	966.9	966.7	967.2
177.5°	973.2	972.1	971.0	969.9	968.8	968.6	968.5	968.3	968.2	968.1	968.6
180°	969.5	969.5	969.5	969.5	969.5	969.5	969.5	969.5	969.5	969.5	969.5

TEST NUMBER: P999395

CATALOG NUMBER: SA2XXRDIP-B1005D725UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	2219.7	2219.7	2219.7	2219.7
2.5°	2179.6	2175.0	2202.8	2233.6
5°	2134.9	2142.6	2178.1	2221.3
7.5°	2088.6	2105.6	2147.2	2204.3
10°	2023.8	2054.7	2117.9	2176.6
12.5°	1960.6	2002.2	2062.4	2131.8
15°	1889.6	1935.9	2010.0	2093.3
17.5°	1811.0	1863.4	1949.8	2040.8
20°	1727.7	1797.1	1888.1	1986.8
22.5°	1635.1	1718.4	1812.5	1922.0
25°	1545.6	1636.7	1730.8	1857.2
27.5°	1457.7	1547.2	1652.1	1780.1
30°	1369.8	1451.6	1564.2	1701.4
32.5°	1275.7	1360.5	1479.3	1619.7
35°	1189.3	1274.2	1385.2	1524.1
37.5°	1096.8	1187.8	1294.2	1437.7
40°	988.8	1095.2	1198.6	1335.9
42.5°	899.3	1011.9	1112.2	1241.8
45°	828.4	934.8	1018.1	1144.6
47.5°	762.0	848.4	933.3	1050.5
50°	698.8	765.1	853.0	957.9
52.5°	634.0	691.1	766.7	865.4
55°	575.4	629.4	697.2	772.8
57.5°	521.4	560.0	627.8	695.7
60°	461.2	501.3	553.8	610.9
62.5°	410.3	441.2	490.5	538.4
65°	356.3	385.6	422.7	467.4
67.5°	307.0	333.2	362.5	398.0
70°	262.2	282.3	303.9	334.7
72.5°	214.4	236.0	256.1	280.7
75°	175.9	185.1	202.1	219.0
77.5°	135.7	148.1	157.3	171.2
80°	97.2	108.0	111.1	121.9
82.5°	64.8	71.0	77.1	80.2
85°	37.0	40.1	46.3	47.8
87.5°	13.9	15.4	18.5	21.6
90°	5.8	4.1	2.4	0.7
92.5°	15.6	16.3	16.9	17.5
95°	30.1	35.3	40.4	45.6
97.5°	43.8	56.5	69.3	82.1
100°	60.1	81.5	102.8	124.2
102.5°	169.6	169.9	170.2	170.5
105°	227.3	222.6	218.0	213.3
107.5°	274.8	270.9	267.0	263.1
110°	320.6	317.3	314.1	310.8



TEST NUMBER: P999395

CATALOG NUMBER: SA2XXRDIP-B1005D725UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	364.1	361.3	358.5	355.7
115°	411.3	408.7	406.0	403.4
117.5°	454.1	451.0	447.9	444.8
120°	498.1	495.8	493.4	491.1
122.5°	537.9	535.4	532.9	530.4
125°	576.4	574.4	572.3	570.3
127.5°	613.3	611.2	609.0	606.8
130°	648.7	646.2	643.7	641.2
132.5°	682.4	680.3	678.3	676.3
135°	713.2	710.7	708.2	705.7
137.5°	742.2	740.3	738.5	736.6
140°	770.5	769.3	768.0	766.8
142.5°	795.3	794.2	793.1	792.0
145°	818.2	818.4	818.5	818.7
147.5°	840.4	840.9	841.3	841.8
150°	861.0	862.1	863.2	864.3
152.5°	879.5	880.7	882.0	883.2
155°	897.3	898.7	900.1	901.5
157.5°	912.5	913.7	915.0	916.2
160°	926.0	926.9	927.9	928.8
162.5°	937.2	938.2	939.1	940.1
165°	947.1	948.0	949.0	949.9
167.5°	954.8	955.7	956.7	957.6
170°	961.1	962.0	963.0	963.9
172.5°	965.3	966.2	967.2	968.1
175°	968.3	969.4	970.5	971.6
177.5°	969.7	970.8	971.9	973.0
180°	969.5	969.5	969.5	969.5

(END OF REPORT)