

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: P1013280

Luminaire Tested: S124RDIP-B1195D590UB2750-4F0-XX-W2A-A_2700K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1013280
REPORT IS A COMBINATION OF REPORTS P999145 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S124RDIP-B1195D590UB2750-4F0-XX-W2A-A_2700K
Description: Define 4 Regressed Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473}
{m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

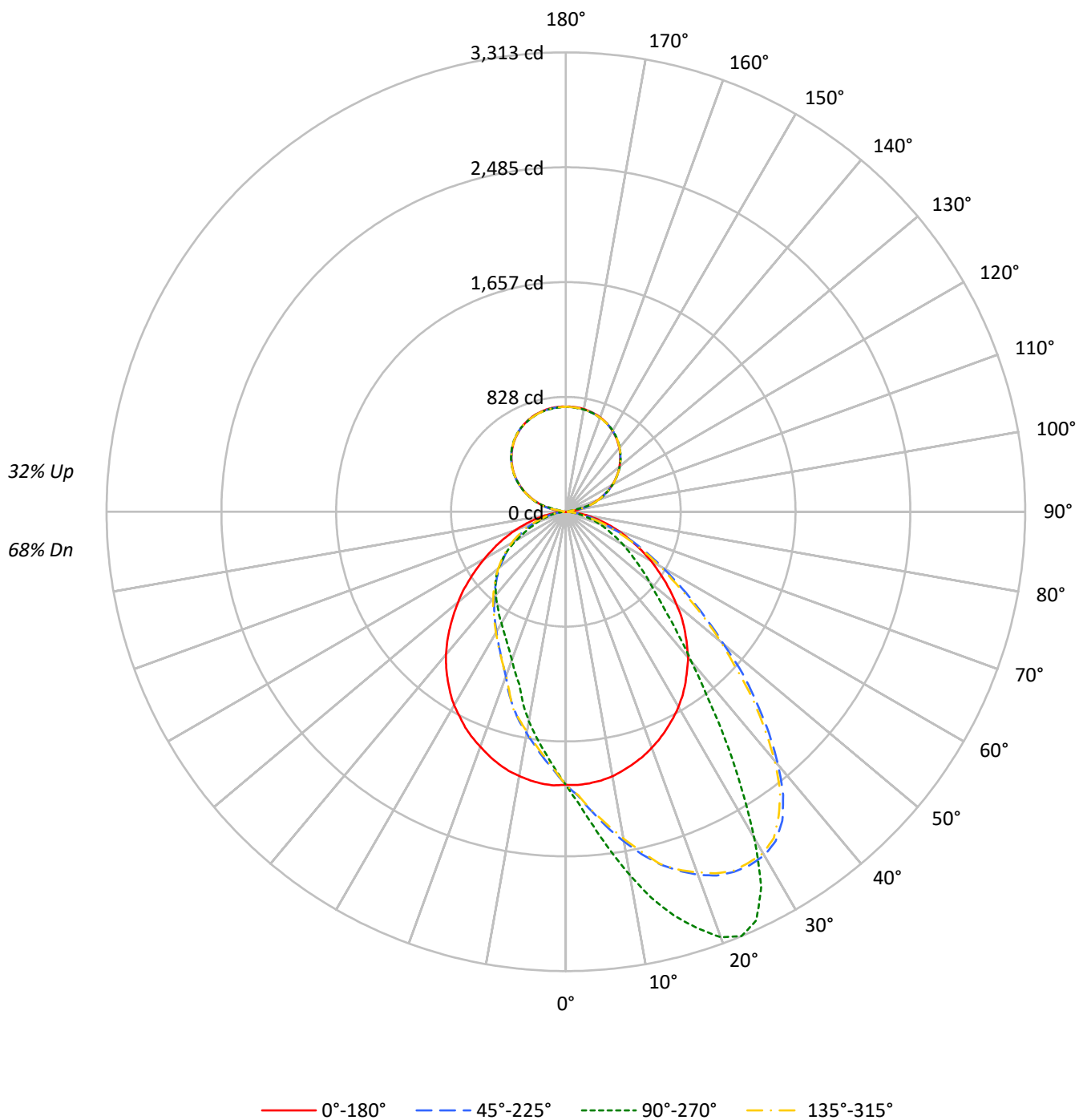
Lumens per Lamp: N/A
Luminaire Lumens: 7323.0 lumens
Efficiency: N/A
Efficacy: 95.5 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.38
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 76.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1013280

CATALOG NUMBER: S124RDIP-B1195D590UB2750-4F0-XX-W2A-A_2700K

Luminous Intensity Polar Plot



TEST NUMBER: P1013280

CATALOG NUMBER: S124RDIP-B1195D590UB2750-4F0-XX-W2A-A_2700K

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	111	111	111	111	105	105	105	105	93	93	93	83	83	83	73	73	73			68
1	102	98	95	91	97	93	90	87	83	80	78	74	72	70	65	64	63			59
2	94	87	81	76	88	82	77	72	73	69	66	66	62	60	58	56	54			50
3	86	77	69	64	81	73	66	61	65	60	56	58	54	51	52	49	46			43
4	79	68	60	54	74	65	58	52	58	53	48	52	48	44	47	43	40			37
5	73	61	53	47	69	58	51	45	53	47	42	47	43	39	43	39	36			33
6	67	55	47	41	63	53	45	40	48	42	37	43	38	34	39	35	32			29
7	62	50	42	37	59	48	41	35	43	37	33	39	34	31	36	31	28			26
8	58	46	38	33	55	44	37	32	40	34	29	36	31	27	33	29	25			23
9	54	42	34	29	51	40	33	28	37	31	27	33	28	25	30	26	23			21
10	51	39	31	26	48	37	30	26	34	28	24	31	26	23	28	24	21			19

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	16055	16055	16055	16055
5°	16055	18141	16081	13866
10°	15969	20913	15956	12058
15°	15779	23536	15779	10096
20°	15581	25519	15499	8890
25°	15337	25627	15267	8029
30°	15080	21792	14962	7438
35°	14714	16443	14529	6996
40°	14308	11916	14026	6651
45°	13637	9056	13297	6347
50°	12840	7319	12489	5900
55°	11978	6061	11585	5305
60°	11111	5124	10614	4412
65°	10023	4175	9704	3506
70°	9027	3385	8600	2848
75°	7910	2440	7360	2088
80°	6523	1617	5939	1534
85°	4730	832	3922	832

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 20099 cd/sqm

TEST NUMBER: P1013280

CATALOG NUMBER: S124RDIP-B1195D590UB2750-4F0-XX-W2A-A_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	190.6	2.6
10°-20°	575.7	7.9
20°-30°	901.8	12.3
30°-40°	1001.4	13.7
40°-50°	887.4	12.1
50°-60°	691.6	9.4
60°-70°	452.4	6.2
70°-80°	222.0	3.0
80°-90°	55.6	0.8
90°-100°	25.2	0.3
100°-110°	165.6	2.3
110°-120°	316.3	4.3
120°-130°	401.5	5.5
130°-140°	429.5	5.9
140°-150°	401.6	5.5
150°-160°	323.9	4.4
160°-170°	208.9	2.9
170°-180°	72.0	1.0
0°-30°	1668.2	22.8
0°-40°	2669.6	36.5
0°-60°	4248.6	58.0
0°-90°	4978.6	68.0
90°-120°	507.0	6.9
90°-150°	1739.7	23.8
90°-180°	2344.0	32.0
0°-180°	7323.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1969	1969	1969	1969	1969	
5°	1966	2275	1969	1739	1966	187
15°	1882	3014	1882	1293	1882	531
25°	1724	3251	1717	1018	1724	795
35°	1504	2002	1485	852	1504	940
45°	1212	1023	1182	717	1212	935
55°	873	611	844	535	873	780
65°	547	357	530	300	547	546
75°	274	165	255	141	274	291
85°	65	40	54	40	65	73
90°	2	17	2	17	2	6
95°	31	16	31	16	31	38
105°	171	162	171	162	171	179
115°	318	321	318	321	318	313
125°	448	451	448	451	448	400
135°	555	559	555	559	555	428
145°	640	644	640	644	640	400
155°	702	702	702	702	702	324
165°	741	737	741	737	741	209
175°	758	753	758	753	758	72
180°	758	758	758	758	758	

TEST NUMBER: P1013280

CATALOG NUMBER: S124RDIP-B1195D590UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8
2.5°	1972.0	1989.5	1999.0	2006.9	2022.8	2029.1	2041.8	2045.0	2057.7	2056.1	2051.3
5°	1965.7	1995.8	2018.0	2041.8	2070.4	2086.2	2103.7	2129.1	2141.8	2159.2	2170.3
7.5°	1954.6	1995.8	2032.3	2068.8	2114.8	2140.2	2162.4	2202.1	2235.4	2263.9	2295.7
10°	1937.1	1989.5	2043.4	2092.6	2156.0	2186.2	2219.5	2278.2	2324.2	2363.9	2414.6
12.5°	1910.1	1983.1	2043.4	2110.0	2191.0	2232.2	2276.6	2346.4	2400.4	2465.4	2528.9
15°	1881.6	1962.5	2041.8	2129.1	2221.1	2268.7	2313.1	2406.7	2489.2	2563.8	2633.6
17.5°	1849.9	1938.7	2026.0	2122.7	2233.8	2292.5	2344.8	2457.5	2547.9	2644.7	2714.5
20°	1811.8	1908.6	2008.5	2116.4	2241.7	2306.8	2365.5	2494.0	2593.9	2698.6	2785.9
22.5°	1770.5	1875.2	1984.7	2102.1	2232.2	2303.6	2371.8	2509.8	2625.7	2722.4	2839.8
25°	1724.5	1835.6	1948.2	2072.0	2217.9	2295.7	2365.5	2501.9	2625.7	2752.6	2866.8
27.5°	1676.9	1791.2	1908.6	2038.6	2187.8	2263.9	2343.3	2474.9	2619.3	2757.3	2873.1
30°	1624.6	1735.6	1859.4	1983.1	2141.8	2217.9	2298.8	2441.6	2598.7	2736.7	2862.0
32.5°	1567.5	1681.7	1799.1	1927.6	2083.1	2165.6	2240.1	2402.0	2562.2	2698.6	2816.0
35°	1504.0	1611.9	1722.9	1854.6	2008.5	2083.1	2171.9	2340.1	2501.9	2646.3	2722.4
37.5°	1435.8	1538.9	1642.0	1772.1	1919.7	2010.1	2097.3	2267.1	2438.4	2535.2	2574.9
40°	1372.3	1462.7	1553.2	1678.5	1827.6	1921.2	2010.1	2186.2	2336.9	2411.5	2381.3
42.5°	1291.4	1385.0	1465.9	1581.7	1732.5	1819.7	1910.1	2092.6	2214.7	2244.9	2170.3
45°	1212.1	1289.8	1367.6	1480.2	1638.9	1713.4	1810.2	1979.9	2081.5	2054.5	1945.0
47.5°	1134.3	1197.8	1270.8	1380.3	1523.0	1611.9	1702.3	1849.9	1921.2	1883.2	1730.9
50°	1042.3	1105.8	1181.9	1277.1	1415.2	1500.8	1572.2	1708.7	1762.6	1669.0	1485.0
52.5°	955.1	1010.6	1075.6	1164.5	1296.2	1373.9	1451.6	1569.0	1586.5	1478.6	1285.1
55°	872.6	917.0	985.2	1056.6	1177.2	1259.7	1313.6	1413.6	1408.8	1274.0	1107.4
57.5°	786.9	828.2	874.2	948.7	1063.0	1124.8	1183.5	1270.8	1224.8	1110.5	945.6
60°	710.8	734.5	780.6	851.9	948.7	1002.7	1048.7	1096.3	1056.6	932.9	805.9
62.5°	626.7	653.6	687.0	744.1	829.7	880.5	913.8	934.4	893.2	798.0	682.2
65°	547.3	571.1	606.0	656.8	721.9	759.9	777.4	791.7	769.5	661.6	569.6
67.5°	475.9	491.8	523.5	556.9	626.7	636.2	660.0	666.3	621.9	539.4	466.4
70°	404.6	420.4	434.7	474.4	506.1	523.5	528.3	528.3	483.9	429.9	369.7
72.5°	337.9	347.4	361.7	388.7	406.1	418.8	425.2	417.2	376.0	331.6	287.2
75°	274.5	279.2	291.9	309.4	323.6	318.9	317.3	307.8	277.6	245.9	220.5
77.5°	211.0	214.2	228.5	233.2	233.2	238.0	231.6	222.1	196.7	172.9	161.8
80°	158.6	163.4	165.0	168.2	165.0	165.0	160.2	144.4	131.7	120.6	112.6
82.5°	109.5	112.6	114.2	109.5	112.6	107.9	99.9	88.8	80.9	79.3	76.2
85°	65.0	66.6	65.0	65.0	60.3	58.7	52.4	50.8	47.6	47.6	46.0
87.5°	31.7	30.1	27.0	23.8	23.8	22.2	23.8	20.6	23.8	22.2	20.6
90°	1.7	3.1	4.5	5.8	7.2	7.9	8.4	9.4	10.5	11.5	12.5
92.5°	8.5	8.3	8.0	7.8	7.5	7.4	7.9	8.9	9.9	10.9	11.9
95°	31.2	26.9	22.6	18.3	14.0	11.9	12.0	12.1	12.2	12.4	12.5
97.5°	59.5	62.3	65.1	67.8	70.6	72.0	65.4	52.2	38.9	25.7	12.5
100°	92.9	95.2	97.4	99.7	102.0	103.1	94.4	77.0	59.7	42.3	24.9
102.5°	130.3	131.8	133.3	134.8	136.3	137.1	137.9	139.4	140.9	142.4	143.9
105°	170.6	171.4	172.1	172.9	173.6	174.0	174.3	174.9	175.6	176.2	176.8
107.5°	207.4	207.8	208.2	208.5	208.9	209.1	209.5	210.4	211.3	212.2	213.1
110°	244.8	245.2	245.6	245.9	246.3	246.5	246.9	247.6	248.4	249.1	249.9

TEST NUMBER: P1013280

CATALOG NUMBER: S124RDIP-B1195D590UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	281.1	281.9	282.6	283.4	284.1	284.5	284.6	284.9	285.1	285.4	285.6
115°	318.5	318.9	319.3	319.6	320.0	320.2	320.1	320.0	319.9	319.7	319.6
117.5°	351.9	352.4	352.9	353.4	353.9	354.2	354.4	354.8	355.1	355.5	355.9
120°	385.9	386.4	386.9	387.4	387.9	388.2	388.1	388.0	387.9	387.7	387.6
122.5°	417.6	417.9	418.1	418.4	418.7	418.8	418.9	419.2	419.4	419.7	419.9
125°	447.7	448.2	448.7	449.2	449.7	449.9	449.8	449.5	449.3	449.0	448.8
127.5°	476.6	476.7	476.8	476.9	477.0	477.1	477.4	478.1	478.7	479.4	480.0
130°	504.3	504.4	504.6	504.7	504.8	504.9	505.1	505.5	505.8	506.2	506.6
132.5°	529.8	530.1	530.3	530.6	530.9	531.0	531.2	531.7	532.2	532.7	533.2
135°	555.3	555.2	555.1	555.0	554.9	554.8	555.0	555.5	556.0	556.5	557.0
137.5°	578.0	578.0	578.0	578.0	578.0	578.0	578.3	578.9	579.6	580.2	580.8
140°	600.1	600.3	600.6	600.8	601.1	601.2	601.3	601.6	601.9	602.1	602.4
142.5°	619.9	620.4	620.9	621.4	621.9	622.2	622.3	622.4	622.5	622.7	622.8
145°	640.3	640.7	641.1	641.4	641.8	642.0	642.0	642.0	642.0	642.0	642.0
147.5°	656.2	657.0	657.7	658.5	659.2	659.6	659.5	659.4	659.3	659.1	659.0
150°	673.8	674.3	674.8	675.3	675.8	676.0	675.9	675.8	675.7	675.6	675.5
152.5°	688.5	688.9	689.3	689.6	690.0	690.2	690.1	689.8	689.6	689.3	689.1
155°	702.1	702.2	702.4	702.5	702.6	702.7	702.5	702.1	701.8	701.4	701.0
157.5°	714.0	714.0	714.0	714.0	714.0	714.0	713.7	713.2	712.7	712.2	711.7
160°	724.2	723.8	723.4	723.1	722.7	722.5	722.4	722.3	722.2	722.0	721.9
162.5°	733.3	732.8	732.3	731.8	731.3	731.0	730.9	730.8	730.7	730.5	730.4
165°	740.6	740.0	739.4	738.7	738.1	737.8	737.8	737.8	737.8	737.8	737.8
167.5°	746.9	746.3	745.6	745.0	744.3	744.0	743.9	743.8	743.7	743.6	743.5
170°	752.0	751.2	750.5	749.7	749.0	748.6	748.7	748.8	748.9	749.0	749.1
172.5°	755.4	754.6	753.9	753.1	752.4	752.0	752.1	752.2	752.3	752.4	752.5
175°	757.6	756.8	756.1	755.3	754.6	754.2	754.3	754.4	754.5	754.7	754.8
177.5°	759.3	758.4	757.6	756.7	755.8	755.4	755.5	755.8	756.0	756.3	756.5
180°	757.6	757.6	757.6	757.6	757.6	757.6	757.6	757.6	757.6	757.6	757.6

TEST NUMBER: P1013280

CATALOG NUMBER: S124RDIP-B1195D590UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8
2.5°	2064.0	2081.5	2083.1	2098.9	2094.2	2086.2	2100.5	2091.0	2110.0	2103.7	2111.6
5°	2184.6	2208.4	2229.0	2241.7	2263.9	2259.2	2283.0	2275.0	2292.5	2275.0	2297.2
7.5°	2325.8	2365.5	2386.1	2419.4	2428.9	2430.5	2459.1	2465.4	2476.5	2465.4	2478.1
10°	2463.8	2511.4	2559.0	2586.0	2603.4	2627.2	2652.6	2663.7	2671.7	2660.6	2668.5
12.5°	2589.2	2663.7	2716.1	2770.0	2782.7	2803.3	2830.3	2827.1	2858.9	2852.5	2866.8
15°	2705.0	2787.5	2850.9	2893.8	2928.7	2946.1	2996.9	3000.1	2998.5	3014.3	3004.8
17.5°	2808.1	2877.9	2968.3	3023.9	3066.7	3066.7	3095.3	3154.0	3149.2	3147.6	3157.1
20°	2892.2	2971.5	3055.6	3149.2	3184.1	3190.4	3230.1	3260.2	3265.0	3265.0	3265.0
22.5°	2955.6	3049.2	3139.7	3206.3	3233.3	3255.5	3290.4	3309.4	3315.8	3312.6	3315.8
25°	2987.4	3076.2	3168.2	3228.5	3244.4	3257.1	3260.2	3271.4	3269.8	3250.7	3261.8
27.5°	2993.7	3079.4	3139.7	3155.5	3147.6	3139.7	3088.9	3093.7	3079.4	3050.8	3061.9
30°	2965.2	3011.2	3009.6	2960.4	2946.1	2912.8	2866.8	2798.6	2743.1	2719.3	2727.2
32.5°	2862.0	2862.0	2804.9	2693.9	2644.7	2584.4	2501.9	2440.0	2367.1	2351.2	2381.3
35°	2719.3	2638.3	2533.6	2387.7	2313.1	2268.7	2125.9	2081.5	2019.6	2002.2	2016.4
37.5°	2497.1	2362.3	2210.0	2073.6	2010.1	1930.8	1805.4	1742.0	1697.6	1667.4	1681.7
40°	2248.1	2084.7	1926.0	1757.8	1688.0	1623.0	1529.4	1472.3	1400.9	1404.0	1408.8
42.5°	2010.1	1818.1	1640.4	1485.0	1418.3	1364.4	1299.3	1229.5	1204.2	1196.2	1188.3
45°	1757.8	1553.2	1386.6	1270.8	1210.5	1159.7	1099.4	1059.8	1029.6	1023.3	1031.2
47.5°	1519.9	1346.9	1188.3	1080.4	1031.2	1005.8	958.2	921.8	902.7	886.9	896.4
50°	1304.1	1142.3	1015.4	924.9	890.0	872.6	828.2	809.1	790.1	785.3	783.7
52.5°	1126.4	988.4	878.9	805.9	779.0	769.5	736.1	709.2	693.3	698.1	701.2
55°	964.6	847.2	761.5	702.8	680.6	669.5	645.7	626.7	615.6	610.8	614.0
57.5°	821.8	720.3	658.4	610.8	593.3	588.6	563.2	556.9	548.9	544.2	544.2
60°	691.7	620.3	563.2	536.2	517.2	512.4	493.4	485.5	483.9	479.1	475.9
62.5°	582.2	523.5	483.9	455.3	447.4	445.8	433.1	423.6	418.8	415.7	415.7
65°	487.1	444.2	410.9	390.3	383.9	380.8	366.5	363.3	360.1	357.0	355.4
67.5°	406.1	368.1	344.3	330.0	322.1	323.6	315.7	309.4	309.4	307.8	306.2
70°	328.4	304.6	284.0	276.1	272.9	269.7	266.5	261.8	260.2	260.2	260.2
72.5°	258.6	242.7	231.6	226.9	223.7	220.5	217.3	217.3	217.3	215.8	215.8
75°	198.3	192.0	184.0	179.3	179.3	182.4	177.7	172.9	168.2	165.0	166.6
77.5°	149.1	146.0	141.2	133.3	134.9	131.7	131.7	128.5	130.1	130.1	126.9
80°	109.5	104.7	103.1	98.4	99.9	98.4	96.8	96.8	93.6	93.6	93.6
82.5°	76.2	71.4	71.4	69.8	68.2	68.2	66.6	66.6	68.2	65.0	65.0
85°	46.0	44.4	44.4	41.2	41.2	41.2	41.2	42.8	41.2	39.7	39.7
87.5°	20.6	22.2	20.6	19.0	19.0	19.0	17.5	17.5	15.9	17.5	17.5
90°	13.3	14.0	14.8	15.5	15.9	16.0	16.3	16.5	16.8	17.0	16.8
92.5°	12.7	13.4	14.2	14.9	15.3	15.3	15.3	15.3	15.3	15.3	15.3
95°	13.3	14.0	14.8	15.5	15.9	16.0	16.1	16.2	16.3	16.4	16.3
97.5°	13.1	13.7	14.4	15.0	15.3	15.4	15.5	15.6	15.8	15.9	15.8
100°	22.8	20.6	18.5	16.4	15.3	15.4	15.5	15.6	15.8	15.9	15.8
102.5°	115.6	87.2	58.9	30.6	16.4	16.4	16.4	16.4	16.4	16.4	16.4
105°	177.9	179.1	180.2	181.3	181.9	179.6	175.1	170.6	166.0	161.5	166.0
107.5°	213.7	214.3	215.0	215.6	215.9	216.2	216.7	217.2	217.7	218.2	217.7
110°	250.1	250.4	250.6	250.9	251.0	251.2	251.6	251.9	252.3	252.7	252.3

TEST NUMBER: P1013280

CATALOG NUMBER: S124RDIP-B1195D590UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	285.5	285.3	285.2	285.1	285.0	285.3	285.8	286.3	286.8	287.3	286.8
115°	319.8	320.1	320.3	320.6	320.7	320.7	320.7	320.7	320.7	320.7	320.7
117.5°	355.8	355.6	355.5	355.4	355.3	355.3	355.3	355.3	355.3	355.3	355.3
120°	387.8	388.1	388.3	388.6	388.7	388.6	388.3	388.1	387.8	387.6	387.8
122.5°	420.0	420.2	420.3	420.4	420.5	420.4	420.1	419.8	419.6	419.3	419.6
125°	449.2	449.6	449.9	450.3	450.5	450.6	450.7	450.8	451.0	451.1	451.0
127.5°	479.9	479.7	479.6	479.5	479.4	479.3	479.2	479.1	478.9	478.8	478.9
130°	506.7	506.9	507.0	507.1	507.2	507.2	507.2	507.2	507.2	507.2	507.2
132.5°	533.3	533.5	533.6	533.7	533.8	533.7	533.6	533.5	533.3	533.2	533.3
135°	557.3	557.5	557.8	558.1	558.2	558.3	558.6	558.8	559.1	559.3	559.1
137.5°	581.1	581.3	581.6	581.9	582.0	581.9	581.8	581.7	581.5	581.4	581.5
140°	602.8	603.2	603.5	603.9	604.1	604.2	604.3	604.4	604.5	604.6	604.5
142.5°	623.0	623.3	623.5	623.8	623.9	623.9	623.9	623.9	623.9	623.9	623.9
145°	642.1	642.3	642.4	642.5	642.6	642.7	643.0	643.2	643.5	643.7	643.5
147.5°	659.1	659.3	659.4	659.5	659.6	659.7	659.8	659.9	660.1	660.2	660.1
150°	675.5	675.5	675.5	675.5	675.5	675.6	675.7	675.8	675.9	676.0	675.9
152.5°	689.3	689.6	689.8	690.1	690.2	690.1	690.0	689.9	689.7	689.6	689.7
155°	701.5	702.0	702.5	703.0	703.2	703.0	702.6	702.3	701.9	701.5	701.9
157.5°	712.3	713.0	713.6	714.3	714.6	714.3	713.6	713.0	712.3	711.7	712.3
160°	722.7	723.4	724.2	724.9	725.3	724.9	724.2	723.4	722.7	721.9	722.7
162.5°	731.2	731.9	732.7	733.4	733.8	733.4	732.5	731.6	730.8	729.9	730.8
165°	738.8	739.8	740.8	741.8	742.3	741.7	740.6	739.5	738.3	737.2	738.3
167.5°	744.6	745.8	746.9	748.0	748.6	748.0	746.7	745.4	744.2	742.9	744.2
170°	750.1	751.1	752.2	753.2	753.7	753.1	751.8	750.5	749.3	748.0	749.3
172.5°	753.5	754.5	755.6	756.6	757.1	756.4	755.0	753.6	752.2	750.8	752.2
175°	755.9	757.1	758.2	759.3	759.9	759.1	757.6	756.1	754.6	753.1	754.6
177.5°	757.5	758.5	759.5	760.5	761.0	760.2	758.7	757.2	755.7	754.2	755.7
180°	757.6	757.6	757.6	757.6	757.6	757.6	757.6	757.6	757.6	757.6	757.6

TEST NUMBER: P1013280

CATALOG NUMBER: S124RDIP-B1195D590UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8
2.5°	2116.4	2105.3	2103.7	2103.7	2086.2	2095.8	2076.7	2056.1	2046.6	2046.6	2029.1
5°	2292.5	2281.4	2270.3	2252.8	2252.8	2243.3	2213.2	2183.0	2160.8	2141.8	2121.1
7.5°	2473.3	2462.2	2430.5	2413.1	2422.6	2403.5	2363.9	2313.1	2275.0	2244.9	2202.1
10°	2670.1	2639.9	2624.1	2614.5	2581.2	2560.6	2514.6	2440.0	2392.4	2352.8	2297.2
12.5°	2830.3	2839.8	2779.5	2784.3	2751.0	2722.4	2651.0	2579.6	2508.2	2452.7	2370.2
15°	3003.2	2974.7	2938.2	2909.6	2898.5	2863.6	2803.3	2708.1	2630.4	2543.2	2449.5
17.5°	3139.7	3117.5	3082.6	3055.6	3031.8	2947.7	2896.9	2812.9	2706.6	2620.9	2506.7
20°	3255.5	3234.9	3185.7	3168.2	3125.4	3065.1	2992.1	2862.0	2766.8	2673.2	2562.2
22.5°	3304.7	3284.0	3241.2	3219.0	3192.0	3133.3	3063.5	2939.8	2822.4	2705.0	2587.6
25°	3263.4	3263.4	3242.8	3234.9	3211.1	3158.7	3087.3	2982.6	2857.3	2730.4	2590.7
27.5°	3063.5	3103.2	3117.5	3125.4	3125.4	3127.0	3077.8	2976.3	2854.1	2730.4	2584.4
30°	2774.8	2841.4	2900.1	2917.6	2947.7	2981.0	3001.7	2952.5	2843.0	2712.9	2567.0
32.5°	2411.5	2497.1	2606.6	2633.6	2674.8	2774.8	2830.3	2850.9	2790.6	2676.4	2520.9
35°	2049.8	2157.6	2224.3	2306.8	2344.8	2492.4	2616.1	2690.7	2676.4	2608.2	2467.0
37.5°	1734.0	1795.9	1876.8	1964.1	2040.2	2181.4	2335.3	2479.7	2538.4	2505.1	2398.8
40°	1431.0	1504.0	1600.8	1672.2	1724.5	1865.7	2056.1	2213.2	2341.7	2362.3	2297.2
42.5°	1216.8	1289.8	1348.5	1426.3	1467.5	1603.9	1772.1	1968.8	2121.1	2202.1	2173.5
45°	1051.8	1096.3	1143.9	1188.3	1239.1	1359.6	1515.1	1730.9	1902.2	2016.4	2027.5
47.5°	907.5	947.1	988.4	1029.6	1058.2	1151.8	1294.6	1470.7	1657.9	1815.0	1876.8
50°	805.9	825.0	855.1	878.9	912.2	993.1	1107.4	1259.7	1458.0	1627.7	1708.7
52.5°	706.0	729.8	753.6	774.2	796.4	853.5	958.2	1089.9	1261.3	1435.8	1535.7
55°	621.9	640.9	663.2	677.4	690.1	740.9	820.2	921.8	1069.3	1234.3	1358.0
57.5°	553.7	561.6	580.7	588.6	602.9	644.1	701.2	791.7	910.6	1070.9	1172.4
60°	479.1	495.0	509.3	515.6	526.7	555.3	594.9	679.0	782.1	899.5	1015.4
62.5°	418.8	425.2	436.3	444.2	452.2	482.3	515.6	579.1	656.8	755.2	861.5
65°	363.3	366.5	372.8	383.9	388.7	410.9	429.9	475.9	548.9	623.5	729.8
67.5°	306.2	309.4	317.3	323.6	328.4	342.7	363.3	396.6	436.3	518.8	577.5
70°	261.8	261.8	266.5	269.7	274.5	280.8	291.9	317.3	353.8	406.1	460.1
72.5°	218.9	218.9	218.9	223.7	223.7	228.5	234.8	252.3	277.6	318.9	353.8
75°	169.8	171.3	174.5	174.5	176.1	182.4	187.2	192.0	204.7	231.6	263.4
77.5°	128.5	131.7	133.3	130.1	133.3	133.3	139.6	146.0	152.3	160.2	184.0
80°	95.2	96.8	93.6	95.2	95.2	98.4	101.5	99.9	103.1	112.6	119.0
82.5°	63.5	65.0	65.0	65.0	65.0	69.8	69.8	68.2	69.8	71.4	73.0
85°	39.7	38.1	38.1	39.7	38.1	38.1	39.7	41.2	39.7	41.2	42.8
87.5°	17.5	17.5	17.5	17.5	15.9	15.9	17.5	15.9	17.5	15.9	14.3
90°	16.5	16.3	16.0	15.9	15.5	14.8	14.0	13.3	12.5	11.5	10.5
92.5°	15.3	15.3	15.3	15.3	14.9	14.2	13.4	12.7	11.9	10.9	9.9
95°	16.2	16.1	16.0	15.9	15.5	14.8	14.0	13.3	12.5	12.4	12.2
97.5°	15.6	15.5	15.4	15.3	15.0	14.4	13.7	13.1	12.5	25.7	38.9
100°	15.6	15.5	15.4	15.3	16.4	18.5	20.6	22.8	24.9	42.3	59.7
102.5°	16.4	16.4	16.4	16.4	30.6	58.9	87.2	115.6	143.9	142.4	140.9
105°	170.6	175.1	179.6	181.9	181.3	180.2	179.1	177.9	176.8	176.2	175.6
107.5°	217.2	216.7	216.2	215.9	215.6	215.0	214.3	213.7	213.1	212.2	211.3
110°	251.9	251.6	251.2	251.0	250.9	250.6	250.4	250.1	249.9	249.1	248.4

TEST NUMBER: P1013280

CATALOG NUMBER: S124RDIP-B1195D590UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	286.3	285.8	285.3	285.0	285.1	285.2	285.3	285.5	285.6	285.4	285.1
115°	320.7	320.7	320.7	320.7	320.6	320.3	320.1	319.8	319.6	319.7	319.9
117.5°	355.3	355.3	355.3	355.3	355.4	355.5	355.6	355.8	355.9	355.5	355.1
120°	388.1	388.3	388.6	388.7	388.6	388.3	388.1	387.8	387.6	387.7	387.9
122.5°	419.8	420.1	420.4	420.5	420.4	420.3	420.2	420.0	419.9	419.7	419.4
125°	450.8	450.7	450.6	450.5	450.3	449.9	449.6	449.2	448.8	449.0	449.3
127.5°	479.1	479.2	479.3	479.4	479.5	479.6	479.7	479.9	480.0	479.4	478.7
130°	507.2	507.2	507.2	507.2	507.1	507.0	506.9	506.7	506.6	506.2	505.8
132.5°	533.5	533.6	533.7	533.8	533.7	533.6	533.5	533.3	533.2	532.7	532.2
135°	558.8	558.6	558.3	558.2	558.1	557.8	557.5	557.3	557.0	556.5	556.0
137.5°	581.7	581.8	581.9	582.0	581.9	581.6	581.3	581.1	580.8	580.2	579.6
140°	604.4	604.3	604.2	604.1	603.9	603.5	603.2	602.8	602.4	602.1	601.9
142.5°	623.9	623.9	623.9	623.9	623.8	623.5	623.3	623.0	622.8	622.7	622.5
145°	643.2	643.0	642.7	642.6	642.5	642.4	642.3	642.1	642.0	642.0	642.0
147.5°	659.9	659.8	659.7	659.6	659.5	659.4	659.3	659.1	659.0	659.1	659.3
150°	675.8	675.7	675.6	675.5	675.5	675.5	675.5	675.5	675.5	675.6	675.7
152.5°	689.9	690.0	690.1	690.2	690.1	689.8	689.6	689.3	689.1	689.3	689.6
155°	702.3	702.6	703.0	703.2	703.0	702.5	702.0	701.5	701.0	701.4	701.8
157.5°	713.0	713.6	714.3	714.6	714.3	713.6	713.0	712.3	711.7	712.2	712.7
160°	723.4	724.2	724.9	725.3	724.9	724.2	723.4	722.7	721.9	722.0	722.2
162.5°	731.6	732.5	733.4	733.8	733.4	732.7	731.9	731.2	730.4	730.5	730.7
165°	739.5	740.6	741.7	742.3	741.8	740.8	739.8	738.8	737.8	737.8	737.8
167.5°	745.4	746.7	748.0	748.6	748.0	746.9	745.8	744.6	743.5	743.6	743.7
170°	750.5	751.8	753.1	753.7	753.2	752.2	751.1	750.1	749.1	749.0	748.9
172.5°	753.6	755.0	756.4	757.1	756.6	755.6	754.5	753.5	752.5	752.4	752.3
175°	756.1	757.6	759.1	759.9	759.3	758.2	757.1	755.9	754.8	754.7	754.5
177.5°	757.2	758.7	760.2	761.0	760.5	759.5	758.5	757.5	756.5	756.3	756.0
180°	757.6	757.6	757.6	757.6	757.6	757.6	757.6	757.6	757.6	757.6	757.6

TEST NUMBER: P1013280

CATALOG NUMBER: S124RDIP-B1195D590UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8
2.5°	2019.6	2011.7	2006.9	2005.3	1991.1	1983.1	1978.4	1975.2	1970.4	1957.7	1946.6
5°	2095.8	2073.6	2062.4	2049.8	2027.5	2002.2	1981.5	1968.8	1953.0	1927.6	1903.8
7.5°	2167.2	2133.8	2111.6	2094.2	2056.1	2014.8	1981.5	1954.6	1924.4	1889.5	1856.2
10°	2241.7	2187.8	2159.2	2132.3	2076.7	2022.8	1975.2	1935.5	1892.7	1846.7	1810.2
12.5°	2300.4	2229.0	2197.3	2159.2	2091.0	2027.5	1967.3	1913.3	1857.8	1808.6	1756.3
15°	2368.6	2279.8	2243.3	2194.1	2100.5	2018.0	1940.3	1881.6	1824.5	1751.5	1696.0
17.5°	2408.3	2305.2	2252.8	2210.0	2108.5	2008.5	1918.1	1845.1	1778.5	1705.5	1646.8
20°	2448.0	2330.6	2271.9	2211.6	2091.0	1984.7	1889.5	1802.3	1732.5	1653.1	1592.8
22.5°	2460.7	2324.2	2262.3	2206.8	2079.9	1960.9	1851.4	1762.6	1681.7	1602.4	1534.1
25°	2460.7	2322.6	2249.7	2178.3	2045.0	1922.8	1813.4	1716.6	1626.2	1546.8	1478.6
27.5°	2435.3	2290.9	2214.7	2149.7	2011.7	1880.0	1767.4	1661.1	1573.8	1494.5	1416.7
30°	2403.5	2244.9	2168.7	2091.0	1957.7	1832.4	1710.2	1611.9	1519.9	1429.4	1359.6
32.5°	2363.9	2195.7	2111.6	2032.3	1891.1	1761.0	1648.4	1551.6	1464.3	1370.7	1293.0
35°	2306.8	2122.7	2029.1	1959.3	1822.9	1688.0	1580.1	1485.0	1400.9	1304.1	1220.0
37.5°	2233.8	2056.1	1960.9	1875.2	1734.0	1610.3	1508.8	1416.7	1334.2	1245.4	1151.8
40°	2148.1	1962.5	1880.0	1789.6	1640.4	1523.0	1427.8	1345.3	1262.9	1178.8	1088.3
42.5°	2051.3	1867.3	1775.3	1688.0	1545.2	1429.4	1340.6	1266.0	1189.9	1112.1	1015.4
45°	1935.5	1762.6	1673.8	1591.3	1453.2	1334.2	1253.3	1181.9	1116.9	1037.6	951.9
47.5°	1805.4	1654.7	1564.3	1475.4	1340.6	1237.5	1158.1	1097.9	1042.3	963.0	885.3
50°	1678.5	1529.4	1456.4	1366.0	1242.2	1145.5	1064.5	1013.8	970.9	893.2	823.4
52.5°	1518.3	1405.6	1335.8	1258.1	1139.1	1040.7	977.3	932.9	882.1	821.8	759.9
55°	1377.1	1272.4	1216.8	1143.9	1026.5	939.2	885.3	844.0	804.4	750.4	701.2
57.5°	1216.8	1151.8	1096.3	1032.8	917.0	842.4	794.8	759.9	723.4	679.0	639.4
60°	1048.7	1018.5	964.6	913.8	815.5	750.4	710.8	679.0	644.1	607.6	574.3
62.5°	899.5	882.1	850.4	810.7	718.7	663.2	623.5	599.7	574.3	541.0	509.3
65°	758.3	750.4	720.3	691.7	628.3	579.1	544.2	529.9	501.3	475.9	447.4
67.5°	633.0	623.5	606.0	593.3	539.4	493.4	475.9	456.9	433.1	414.1	390.3
70°	506.1	504.5	493.4	477.5	449.0	415.7	398.2	385.5	361.7	347.4	330.0
72.5°	393.5	401.4	391.9	385.5	366.5	342.7	326.8	318.9	299.8	288.7	276.1
75°	293.5	299.8	304.6	293.5	288.7	277.6	263.4	255.4	245.9	230.0	225.3
77.5°	199.9	214.2	214.2	217.3	218.9	212.6	201.5	195.1	184.0	180.9	174.5
80°	131.7	144.4	146.0	149.1	153.9	153.9	146.0	144.4	133.3	131.7	126.9
82.5°	76.2	87.3	93.6	98.4	96.8	103.1	96.8	95.2	88.8	88.8	85.7
85°	41.2	42.8	46.0	49.2	52.4	55.5	55.5	53.9	52.4	50.8	47.6
87.5°	15.9	15.9	17.5	15.9	17.5	20.6	22.2	22.2	20.6	19.0	15.9
90°	9.4	8.4	7.9	7.2	5.8	4.5	3.1	1.7	3.1	4.5	5.8
92.5°	8.9	7.9	7.4	7.5	7.8	8.0	8.3	8.5	8.3	8.0	7.8
95°	12.1	12.0	11.9	14.0	18.3	22.6	26.9	31.2	26.9	22.6	18.3
97.5°	52.2	65.4	72.0	70.6	67.8	65.1	62.3	59.5	62.3	65.1	67.8
100°	77.0	94.4	103.1	102.0	99.7	97.4	95.2	92.9	95.2	97.4	99.7
102.5°	139.4	137.9	137.1	136.3	134.8	133.3	131.8	130.3	131.8	133.3	134.8
105°	174.9	174.3	174.0	173.6	172.9	172.1	171.4	170.6	171.4	172.1	172.9
107.5°	210.4	209.5	209.1	208.9	208.5	208.2	207.8	207.4	207.8	208.2	208.5
110°	247.6	246.9	246.5	246.3	245.9	245.6	245.2	244.8	245.2	245.6	245.9

TEST NUMBER: P1013280

CATALOG NUMBER: S124RDIP-B1195D590UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	284.9	284.6	284.5	284.1	283.4	282.6	281.9	281.1	281.9	282.6	283.4
115°	320.0	320.1	320.2	320.0	319.6	319.3	318.9	318.5	318.9	319.3	319.6
117.5°	354.8	354.4	354.2	353.9	353.4	352.9	352.4	351.9	352.4	352.9	353.4
120°	388.0	388.1	388.2	387.9	387.4	386.9	386.4	385.9	386.4	386.9	387.4
122.5°	419.2	418.9	418.8	418.7	418.4	418.1	417.9	417.6	417.9	418.1	418.4
125°	449.5	449.8	449.9	449.7	449.2	448.7	448.2	447.7	448.2	448.7	449.2
127.5°	478.1	477.4	477.1	477.0	476.9	476.8	476.7	476.6	476.7	476.8	476.9
130°	505.5	505.1	504.9	504.8	504.7	504.6	504.4	504.3	504.4	504.6	504.7
132.5°	531.7	531.2	531.0	530.9	530.6	530.3	530.1	529.8	530.1	530.3	530.6
135°	555.5	555.0	554.8	554.9	555.0	555.1	555.2	555.3	555.2	555.1	555.0
137.5°	578.9	578.3	578.0	578.0	578.0	578.0	578.0	578.0	578.0	578.0	578.0
140°	601.6	601.3	601.2	601.1	600.8	600.6	600.3	600.1	600.3	600.6	600.8
142.5°	622.4	622.3	622.2	621.9	621.4	620.9	620.4	619.9	620.4	620.9	621.4
145°	642.0	642.0	642.0	641.8	641.4	641.1	640.7	640.3	640.7	641.1	641.4
147.5°	659.4	659.5	659.6	659.2	658.5	657.7	657.0	656.2	657.0	657.7	658.5
150°	675.8	675.9	676.0	675.8	675.3	674.8	674.3	673.8	674.3	674.8	675.3
152.5°	689.8	690.1	690.2	690.0	689.6	689.3	688.9	688.5	688.9	689.3	689.6
155°	702.1	702.5	702.7	702.6	702.5	702.4	702.2	702.1	702.2	702.4	702.5
157.5°	713.2	713.7	714.0	714.0	714.0	714.0	714.0	714.0	714.0	714.0	714.0
160°	722.3	722.4	722.5	722.7	723.1	723.4	723.8	724.2	723.8	723.4	723.1
162.5°	730.8	730.9	731.0	731.3	731.8	732.3	732.8	733.3	732.8	732.3	731.8
165°	737.8	737.8	737.8	738.1	738.7	739.4	740.0	740.6	740.0	739.4	738.7
167.5°	743.8	743.9	744.0	744.3	745.0	745.6	746.3	746.9	746.3	745.6	745.0
170°	748.8	748.7	748.6	749.0	749.7	750.5	751.2	752.0	751.2	750.5	749.7
172.5°	752.2	752.1	752.0	752.4	753.1	753.9	754.6	755.4	754.6	753.9	753.1
175°	754.4	754.3	754.2	754.6	755.3	756.1	756.8	757.6	756.8	756.1	755.3
177.5°	755.8	755.5	755.4	755.8	756.7	757.6	758.4	759.3	758.4	757.6	756.7
180°	757.6	757.6	757.6	757.6	757.6	757.6	757.6	757.6	757.6	757.6	757.6

TEST NUMBER: P1013280

CATALOG NUMBER: S124RDIP-B1195D590UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8
2.5°	1937.1	1933.9	1930.8	1918.1	1907.0	1887.9	1872.1	1865.7	1864.1	1865.7	1861.0
5°	1881.6	1880.0	1868.9	1846.7	1826.1	1803.8	1788.0	1772.1	1762.6	1762.6	1751.5
7.5°	1829.2	1818.1	1808.6	1780.0	1756.3	1726.1	1702.3	1688.0	1680.1	1662.6	1662.6
10°	1773.7	1757.8	1745.1	1718.2	1683.3	1653.1	1623.0	1605.5	1591.3	1578.6	1573.8
12.5°	1718.2	1705.5	1681.7	1653.1	1618.2	1580.1	1548.4	1535.7	1502.4	1475.4	1477.0
15°	1665.8	1637.3	1626.2	1584.9	1543.7	1507.2	1461.2	1424.7	1397.7	1380.3	1358.0
17.5°	1607.1	1578.6	1557.9	1523.0	1469.1	1412.0	1367.6	1318.4	1291.4	1261.3	1247.0
20°	1542.1	1518.3	1502.4	1446.9	1381.8	1313.6	1264.4	1234.3	1204.2	1181.9	1169.2
22.5°	1486.5	1456.4	1437.4	1362.8	1291.4	1223.2	1185.1	1159.7	1134.3	1115.3	1109.0
25°	1415.2	1397.7	1351.7	1286.6	1199.4	1153.4	1120.1	1086.7	1072.5	1059.8	1045.5
27.5°	1356.5	1313.6	1281.9	1196.2	1142.3	1089.9	1056.6	1031.2	1013.8	1001.1	990.0
30°	1283.5	1243.8	1199.4	1128.0	1078.8	1029.6	999.5	978.9	959.8	951.9	942.4
32.5°	1207.3	1170.8	1128.0	1070.9	1010.6	972.5	948.7	926.5	913.8	905.9	894.8
35°	1139.1	1093.1	1064.5	1010.6	961.4	918.6	896.4	877.3	863.1	859.9	858.3
37.5°	1066.1	1031.2	1004.3	948.7	907.5	871.0	850.4	829.7	821.8	820.2	813.9
40°	1002.7	972.5	947.1	894.8	850.4	817.0	801.2	788.5	780.6	780.6	779.0
42.5°	947.1	915.4	890.0	842.4	802.8	772.6	755.2	742.5	739.3	740.9	739.3
45°	885.3	858.3	832.9	783.7	750.4	728.2	709.2	702.8	698.1	699.6	701.2
47.5°	826.6	804.4	779.0	739.3	701.2	677.4	666.3	660.0	660.0	660.0	663.2
50°	774.2	748.8	726.6	685.4	650.5	631.4	621.9	614.0	615.6	617.1	618.7
52.5°	712.3	690.1	674.3	633.0	607.6	583.8	572.7	574.3	572.7	572.7	575.9
55°	658.4	636.2	620.3	582.2	556.9	541.0	531.5	526.7	528.3	525.1	531.5
57.5°	598.1	579.1	568.0	531.5	509.3	495.0	487.1	479.1	482.3	480.7	479.1
60°	545.8	523.5	506.1	480.7	461.7	444.2	439.5	431.5	434.7	431.5	429.9
62.5°	485.5	468.0	455.3	429.9	414.1	399.8	388.7	383.9	382.3	377.6	372.8
65°	425.2	415.7	403.0	377.6	361.7	350.6	344.3	339.5	337.9	325.2	311.0
67.5°	369.7	363.3	350.6	331.6	317.3	306.2	296.7	288.7	279.2	269.7	261.8
70°	317.3	307.8	299.8	282.4	269.7	258.6	249.1	239.6	234.8	225.3	222.1
72.5°	266.5	257.0	249.1	233.2	222.1	211.0	207.8	196.7	192.0	190.4	190.4
75°	214.2	206.2	201.5	187.2	177.7	169.8	165.0	161.8	158.6	155.5	150.7
77.5°	163.4	158.6	155.5	146.0	138.0	133.3	131.7	120.6	117.4	114.2	111.1
80°	119.0	117.4	114.2	106.3	103.1	92.0	92.0	88.8	87.3	87.3	87.3
82.5°	80.9	77.7	76.2	68.2	66.6	65.0	63.5	61.9	63.5	61.9	63.5
85°	42.8	41.2	39.7	39.7	39.7	39.7	39.7	39.7	39.7	38.1	39.7
87.5°	15.9	15.9	15.9	15.9	14.3	15.9	15.9	14.3	15.9	15.9	15.9
90°	7.2	7.9	8.4	9.4	10.5	11.5	12.5	13.3	14.0	14.8	15.5
92.5°	7.5	7.4	7.9	8.9	9.9	10.9	11.9	12.7	13.4	14.2	14.9
95°	14.0	11.9	12.0	12.1	12.2	12.4	12.5	13.3	14.0	14.8	15.5
97.5°	70.6	72.0	65.4	52.2	38.9	25.7	12.5	13.1	13.7	14.4	15.0
100°	102.0	103.1	94.4	77.0	59.7	42.3	24.9	22.8	20.6	18.5	16.4
102.5°	136.3	137.1	137.9	139.4	140.9	142.4	143.9	115.6	87.2	58.9	30.6
105°	173.6	174.0	174.3	174.9	175.6	176.2	176.8	177.9	179.1	180.2	181.3
107.5°	208.9	209.1	209.5	210.4	211.3	212.2	213.1	213.7	214.3	215.0	215.6
110°	246.3	246.5	246.9	247.6	248.4	249.1	249.9	250.1	250.4	250.6	250.9

TEST NUMBER: P1013280

CATALOG NUMBER: S124RDIP-B1195D590UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	284.1	284.5	284.6	284.9	285.1	285.4	285.6	285.5	285.3	285.2	285.1
115°	320.0	320.2	320.1	320.0	319.9	319.7	319.6	319.8	320.1	320.3	320.6
117.5°	353.9	354.2	354.4	354.8	355.1	355.5	355.9	355.8	355.6	355.5	355.4
120°	387.9	388.2	388.1	388.0	387.9	387.7	387.6	387.8	388.1	388.3	388.6
122.5°	418.7	418.8	418.9	419.2	419.4	419.7	419.9	420.0	420.2	420.3	420.4
125°	449.7	449.9	449.8	449.5	449.3	449.0	448.8	449.2	449.6	449.9	450.3
127.5°	477.0	477.1	477.4	478.1	478.7	479.4	480.0	479.9	479.7	479.6	479.5
130°	504.8	504.9	505.1	505.5	505.8	506.2	506.6	506.7	506.9	507.0	507.1
132.5°	530.9	531.0	531.2	531.7	532.2	532.7	533.2	533.3	533.5	533.6	533.7
135°	554.9	554.8	555.0	555.5	556.0	556.5	557.0	557.3	557.5	557.8	558.1
137.5°	578.0	578.0	578.3	578.9	579.6	580.2	580.8	581.1	581.3	581.6	581.9
140°	601.1	601.2	601.3	601.6	601.9	602.1	602.4	602.8	603.2	603.5	603.9
142.5°	621.9	622.2	622.3	622.4	622.5	622.7	622.8	623.0	623.3	623.5	623.8
145°	641.8	642.0	642.0	642.0	642.0	642.0	642.0	642.1	642.3	642.4	642.5
147.5°	659.2	659.6	659.5	659.4	659.3	659.1	659.0	659.1	659.3	659.4	659.5
150°	675.8	676.0	675.9	675.8	675.7	675.6	675.5	675.5	675.5	675.5	675.5
152.5°	690.0	690.2	690.1	689.8	689.6	689.3	689.1	689.3	689.6	689.8	690.1
155°	702.6	702.7	702.5	702.1	701.8	701.4	701.0	701.5	702.0	702.5	703.0
157.5°	714.0	714.0	713.7	713.2	712.7	712.2	711.7	712.3	713.0	713.6	714.3
160°	722.7	722.5	722.4	722.3	722.2	722.0	721.9	722.7	723.4	724.2	724.9
162.5°	731.3	731.0	730.9	730.8	730.7	730.5	730.4	731.2	731.9	732.7	733.4
165°	738.1	737.8	737.8	737.8	737.8	737.8	737.8	738.8	739.8	740.8	741.8
167.5°	744.3	744.0	743.9	743.8	743.7	743.6	743.5	744.6	745.8	746.9	748.0
170°	749.0	748.6	748.7	748.8	748.9	749.0	749.1	750.1	751.1	752.2	753.2
172.5°	752.4	752.0	752.1	752.2	752.3	752.4	752.5	753.5	754.5	755.6	756.6
175°	754.6	754.2	754.3	754.4	754.5	754.7	754.8	755.9	757.1	758.2	759.3
177.5°	755.8	755.4	755.5	755.8	756.0	756.3	756.5	757.5	758.5	759.5	760.5
180°	757.6	757.6	757.6	757.6	757.6	757.6	757.6	757.6	757.6	757.6	757.6

TEST NUMBER: P1013280

CATALOG NUMBER: S124RDIP-B1195D590UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8
2.5°	1861.0	1867.3	1859.4	1864.1	1853.0	1851.4	1853.0	1853.0	1854.6	1856.2	1857.8
5°	1756.3	1754.7	1745.1	1738.8	1734.0	1738.8	1742.0	1745.1	1742.0	1745.1	1746.7
7.5°	1657.9	1653.1	1648.4	1637.3	1640.4	1637.3	1646.8	1642.0	1642.0	1650.0	1656.3
10°	1570.6	1561.1	1557.9	1545.2	1535.7	1534.1	1545.2	1550.0	1554.8	1557.9	1570.6
12.5°	1458.0	1443.7	1432.6	1437.4	1410.4	1421.5	1424.7	1418.3	1437.4	1459.6	1446.9
15°	1337.4	1339.0	1316.8	1308.9	1286.6	1293.0	1294.6	1310.4	1326.3	1324.7	1343.8
17.5°	1248.6	1239.1	1220.0	1218.4	1208.9	1213.7	1212.1	1224.8	1220.0	1227.9	1243.8
20°	1166.1	1159.7	1143.9	1137.5	1140.7	1137.5	1139.1	1140.7	1145.5	1162.9	1159.7
22.5°	1101.0	1093.1	1093.1	1085.2	1075.6	1072.5	1080.4	1085.2	1091.5	1094.7	1102.6
25°	1043.9	1037.6	1029.6	1024.9	1016.9	1018.5	1023.3	1029.6	1034.4	1040.7	1047.1
27.5°	985.2	985.2	977.3	975.7	972.5	970.9	977.3	980.5	980.5	985.2	991.6
30°	939.2	939.2	931.3	929.7	928.1	928.1	932.9	934.4	936.0	940.8	944.0
32.5°	894.8	893.2	890.0	891.6	890.0	891.6	891.6	893.2	896.4	898.0	904.3
35°	853.5	855.1	851.9	851.9	850.4	851.9	855.1	856.7	858.3	861.5	861.5
37.5°	813.9	817.0	815.5	820.2	820.2	820.2	820.2	823.4	823.4	823.4	821.8
40°	779.0	779.0	777.4	780.6	783.7	783.7	785.3	785.3	786.9	786.9	785.3
42.5°	739.3	742.5	747.2	748.8	752.0	750.4	755.2	753.6	755.2	752.0	748.8
45°	702.8	702.8	709.2	715.5	717.1	717.1	717.1	720.3	717.1	712.3	710.8
47.5°	663.2	666.3	669.5	677.4	679.0	679.0	679.0	679.0	675.8	675.8	675.8
50°	623.5	625.1	626.7	629.8	634.6	633.0	633.0	633.0	639.4	633.0	634.6
52.5°	575.9	577.5	579.1	585.4	583.8	583.8	585.4	585.4	590.2	588.6	585.4
55°	528.3	528.3	531.5	531.5	531.5	534.6	536.2	539.4	537.8	539.4	541.0
57.5°	480.7	477.5	475.9	475.9	480.7	479.1	480.7	480.7	487.1	490.2	491.8
60°	425.2	425.2	423.6	414.1	414.1	412.5	417.2	420.4	423.6	437.9	436.3
62.5°	368.1	361.7	355.4	357.0	347.4	352.2	349.0	352.2	361.7	372.8	374.4
65°	311.0	306.2	299.8	298.3	295.1	299.8	298.3	299.8	304.6	311.0	318.9
67.5°	260.2	258.6	255.4	253.8	253.8	253.8	257.0	257.0	258.6	263.4	268.1
70°	222.1	220.5	222.1	218.9	220.5	218.9	220.5	222.1	223.7	225.3	230.0
72.5°	187.2	187.2	187.2	184.0	187.2	185.6	185.6	187.2	188.8	190.4	193.6
75°	149.1	146.0	142.8	139.6	138.0	141.2	142.8	141.2	146.0	152.3	152.3
77.5°	112.6	111.1	111.1	111.1	112.6	111.1	114.2	112.6	114.2	114.2	117.4
80°	87.3	85.7	87.3	87.3	85.7	88.8	87.3	87.3	88.8	90.4	88.8
82.5°	63.5	65.0	63.5	63.5	63.5	66.6	63.5	63.5	63.5	65.0	65.0
85°	39.7	39.7	39.7	39.7	41.2	39.7	41.2	39.7	42.8	41.2	41.2
87.5°	14.3	15.9	17.5	17.5	17.5	17.5	15.9	17.5	19.0	17.5	19.0
90°	15.9	16.0	16.3	16.5	16.8	17.0	16.8	16.5	16.3	16.0	15.9
92.5°	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
95°	15.9	16.0	16.1	16.2	16.3	16.4	16.3	16.2	16.1	16.0	15.9
97.5°	15.3	15.4	15.5	15.6	15.8	15.9	15.8	15.6	15.5	15.4	15.3
100°	15.3	15.4	15.5	15.6	15.8	15.9	15.8	15.6	15.5	15.4	15.3
102.5°	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
105°	181.9	179.6	175.1	170.6	166.0	161.5	166.0	170.6	175.1	179.6	181.9
107.5°	215.9	216.2	216.7	217.2	217.7	218.2	217.7	217.2	216.7	216.2	215.9
110°	251.0	251.2	251.6	251.9	252.3	252.7	252.3	251.9	251.6	251.2	251.0

TEST NUMBER: P1013280

CATALOG NUMBER: S124RDIP-B1195D590UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	285.0	285.3	285.8	286.3	286.8	287.3	286.8	286.3	285.8	285.3	285.0
115°	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7
117.5°	355.3	355.3	355.3	355.3	355.3	355.3	355.3	355.3	355.3	355.3	355.3
120°	388.7	388.6	388.3	388.1	387.8	387.6	387.8	388.1	388.3	388.6	388.7
122.5°	420.5	420.4	420.1	419.8	419.6	419.3	419.6	419.8	420.1	420.4	420.5
125°	450.5	450.6	450.7	450.8	451.0	451.1	451.0	450.8	450.7	450.6	450.5
127.5°	479.4	479.3	479.2	479.1	478.9	478.8	478.9	479.1	479.2	479.3	479.4
130°	507.2	507.2	507.2	507.2	507.2	507.2	507.2	507.2	507.2	507.2	507.2
132.5°	533.8	533.7	533.6	533.5	533.3	533.2	533.3	533.5	533.6	533.7	533.8
135°	558.2	558.3	558.6	558.8	559.1	559.3	559.1	558.8	558.6	558.3	558.2
137.5°	582.0	581.9	581.8	581.7	581.5	581.4	581.5	581.7	581.8	581.9	582.0
140°	604.1	604.2	604.3	604.4	604.5	604.6	604.5	604.4	604.3	604.2	604.1
142.5°	623.9	623.9	623.9	623.9	623.9	623.9	623.9	623.9	623.9	623.9	623.9
145°	642.6	642.7	643.0	643.2	643.5	643.7	643.5	643.2	643.0	642.7	642.6
147.5°	659.6	659.7	659.8	659.9	660.1	660.2	660.1	659.9	659.8	659.7	659.6
150°	675.5	675.6	675.7	675.8	675.9	676.0	675.9	675.8	675.7	675.6	675.5
152.5°	690.2	690.1	690.0	689.9	689.7	689.6	689.7	689.9	690.0	690.1	690.2
155°	703.2	703.0	702.6	702.3	701.9	701.5	701.9	702.3	702.6	703.0	703.2
157.5°	714.6	714.3	713.6	713.0	712.3	711.7	712.3	713.0	713.6	714.3	714.6
160°	725.3	724.9	724.2	723.4	722.7	721.9	722.7	723.4	724.2	724.9	725.3
162.5°	733.8	733.4	732.5	731.6	730.8	729.9	730.8	731.6	732.5	733.4	733.8
165°	742.3	741.7	740.6	739.5	738.3	737.2	738.3	739.5	740.6	741.7	742.3
167.5°	748.6	748.0	746.7	745.4	744.2	742.9	744.2	745.4	746.7	748.0	748.6
170°	753.7	753.1	751.8	750.5	749.3	748.0	749.3	750.5	751.8	753.1	753.7
172.5°	757.1	756.4	755.0	753.6	752.2	750.8	752.2	753.6	755.0	756.4	757.1
175°	759.9	759.1	757.6	756.1	754.6	753.1	754.6	756.1	757.6	759.1	759.9
177.5°	761.0	760.2	758.7	757.2	755.7	754.2	755.7	757.2	758.7	760.2	761.0
180°	757.6	757.6	757.6	757.6	757.6	757.6	757.6	757.6	757.6	757.6	757.6

TEST NUMBER: P1013280

CATALOG NUMBER: S124RDIP-B1195D590UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8
2.5°	1864.1	1872.1	1868.9	1857.8	1862.5	1872.1	1881.6	1894.3	1902.2	1908.6	1911.7
5°	1754.7	1768.9	1765.8	1765.8	1772.1	1788.0	1803.8	1830.8	1840.3	1851.4	1867.3
7.5°	1657.9	1669.0	1678.5	1681.7	1691.2	1711.8	1732.5	1762.6	1786.4	1799.1	1808.6
10°	1572.2	1580.1	1594.4	1602.4	1611.9	1637.3	1667.4	1699.1	1722.9	1745.1	1757.8
12.5°	1462.7	1494.5	1513.5	1526.2	1538.9	1577.0	1600.8	1635.7	1664.2	1684.9	1703.9
15°	1340.6	1378.7	1389.8	1439.0	1470.7	1500.8	1537.3	1578.6	1605.5	1629.3	1654.7
17.5°	1237.5	1264.4	1277.1	1329.5	1356.5	1404.0	1456.4	1508.8	1550.0	1567.5	1592.8
20°	1172.4	1186.7	1212.1	1229.5	1258.1	1313.6	1370.7	1434.2	1496.1	1513.5	1538.9
22.5°	1105.8	1124.8	1142.3	1166.1	1188.3	1226.4	1283.5	1353.3	1419.9	1451.6	1481.8
25°	1045.5	1064.5	1075.6	1101.0	1121.7	1159.7	1199.4	1270.8	1350.1	1377.1	1424.7
27.5°	997.9	1009.0	1028.0	1039.2	1063.0	1097.9	1134.3	1188.3	1266.0	1312.0	1358.0
30°	950.3	958.2	974.1	990.0	1007.4	1031.2	1072.5	1124.8	1196.2	1235.9	1281.9
32.5°	902.7	915.4	924.9	936.0	955.1	983.6	1012.2	1063.0	1120.1	1164.5	1210.5
35°	863.1	867.8	880.5	893.2	905.9	931.3	961.4	1010.6	1061.4	1096.3	1137.5
37.5°	820.2	828.2	837.7	842.4	863.1	878.9	910.6	948.7	1009.0	1031.2	1072.5
40°	786.9	785.3	794.8	802.8	812.3	837.7	856.7	898.0	945.6	980.5	1005.8
42.5°	745.7	745.7	748.8	758.3	771.0	786.9	809.1	844.0	893.2	918.6	948.7
45°	712.3	707.6	709.2	715.5	723.4	739.3	761.5	791.7	840.8	861.5	893.2
47.5°	672.7	667.9	667.9	674.3	680.6	691.7	709.2	744.1	783.7	810.7	834.5
50°	628.3	629.8	628.3	633.0	636.2	647.3	666.3	694.9	731.4	753.6	780.6
52.5°	587.0	583.8	582.2	585.4	591.8	599.7	620.3	645.7	680.6	702.8	726.6
55°	536.2	539.4	539.4	539.4	548.9	552.1	568.0	593.3	628.3	645.7	667.9
57.5°	490.2	488.6	491.8	490.2	498.2	509.3	522.0	541.0	575.9	593.3	614.0
60°	439.5	441.0	442.6	442.6	449.0	460.1	474.4	491.8	520.4	537.8	556.9
62.5°	377.6	385.5	393.5	396.6	406.1	414.1	423.6	442.6	468.0	480.7	498.2
65°	318.9	330.0	341.1	349.0	355.4	363.3	376.0	393.5	414.1	426.8	444.2
67.5°	268.1	276.1	290.3	298.3	311.0	320.5	328.4	342.7	368.1	372.8	387.1
70°	231.6	234.8	241.1	247.5	261.8	269.7	279.2	293.5	312.5	323.6	331.6
72.5°	195.1	196.7	199.9	206.2	212.6	222.1	233.2	245.9	263.4	268.1	279.2
75°	155.5	165.0	165.0	169.8	174.5	179.3	188.8	201.5	212.6	220.5	226.9
77.5°	115.8	120.6	123.7	131.7	138.0	142.8	149.1	158.6	165.0	171.3	176.1
80°	90.4	92.0	93.6	93.6	96.8	103.1	109.5	115.8	123.7	126.9	131.7
82.5°	66.6	66.6	66.6	69.8	71.4	73.0	73.0	76.2	84.1	87.3	92.0
85°	42.8	42.8	42.8	42.8	44.4	46.0	47.6	49.2	49.2	49.2	52.4
87.5°	17.5	20.6	19.0	20.6	20.6	20.6	20.6	22.2	22.2	23.8	23.8
90°	15.5	14.8	14.0	13.3	12.5	11.5	10.5	9.4	8.4	7.9	7.2
92.5°	14.9	14.2	13.4	12.7	11.9	10.9	9.9	8.9	7.9	7.4	7.5
95°	15.5	14.8	14.0	13.3	12.5	12.4	12.2	12.1	12.0	11.9	14.0
97.5°	15.0	14.4	13.7	13.1	12.5	25.7	38.9	52.2	65.4	72.0	70.6
100°	16.4	18.5	20.6	22.8	24.9	42.3	59.7	77.0	94.4	103.1	102.0
102.5°	30.6	58.9	87.2	115.6	143.9	142.4	140.9	139.4	137.9	137.1	136.3
105°	181.3	180.2	179.1	177.9	176.8	176.2	175.6	174.9	174.3	174.0	173.6
107.5°	215.6	215.0	214.3	213.7	213.1	212.2	211.3	210.4	209.5	209.1	208.9
110°	250.9	250.6	250.4	250.1	249.9	249.1	248.4	247.6	246.9	246.5	246.3

TEST NUMBER: P1013280

CATALOG NUMBER: S124RDIP-B1195D590UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	285.1	285.2	285.3	285.5	285.6	285.4	285.1	284.9	284.6	284.5	284.1
115°	320.6	320.3	320.1	319.8	319.6	319.7	319.9	320.0	320.1	320.2	320.0
117.5°	355.4	355.5	355.6	355.8	355.9	355.5	355.1	354.8	354.4	354.2	353.9
120°	388.6	388.3	388.1	387.8	387.6	387.7	387.9	388.0	388.1	388.2	387.9
122.5°	420.4	420.3	420.2	420.0	419.9	419.7	419.4	419.2	418.9	418.8	418.7
125°	450.3	449.9	449.6	449.2	448.8	449.0	449.3	449.5	449.8	449.9	449.7
127.5°	479.5	479.6	479.7	479.9	480.0	479.4	478.7	478.1	477.4	477.1	477.0
130°	507.1	507.0	506.9	506.7	506.6	506.2	505.8	505.5	505.1	504.9	504.8
132.5°	533.7	533.6	533.5	533.3	533.2	532.7	532.2	531.7	531.2	531.0	530.9
135°	558.1	557.8	557.5	557.3	557.0	556.5	556.0	555.5	555.0	554.8	554.9
137.5°	581.9	581.6	581.3	581.1	580.8	580.2	579.6	578.9	578.3	578.0	578.0
140°	603.9	603.5	603.2	602.8	602.4	602.1	601.9	601.6	601.3	601.2	601.1
142.5°	623.8	623.5	623.3	623.0	622.8	622.7	622.5	622.4	622.3	622.2	621.9
145°	642.5	642.4	642.3	642.1	642.0	642.0	642.0	642.0	642.0	642.0	641.8
147.5°	659.5	659.4	659.3	659.1	659.0	659.1	659.3	659.4	659.5	659.6	659.2
150°	675.5	675.5	675.5	675.5	675.5	675.6	675.7	675.8	675.9	676.0	675.8
152.5°	690.1	689.8	689.6	689.3	689.1	689.3	689.6	689.8	690.1	690.2	690.0
155°	703.0	702.5	702.0	701.5	701.0	701.4	701.8	702.1	702.5	702.7	702.6
157.5°	714.3	713.6	713.0	712.3	711.7	712.2	712.7	713.2	713.7	714.0	714.0
160°	724.9	724.2	723.4	722.7	721.9	722.0	722.2	722.3	722.4	722.5	722.7
162.5°	733.4	732.7	731.9	731.2	730.4	730.5	730.7	730.8	730.9	731.0	731.3
165°	741.8	740.8	739.8	738.8	737.8	737.8	737.8	737.8	737.8	737.8	738.1
167.5°	748.0	746.9	745.8	744.6	743.5	743.6	743.7	743.8	743.9	744.0	744.3
170°	753.2	752.2	751.1	750.1	749.1	749.0	748.9	748.8	748.7	748.6	749.0
172.5°	756.6	755.6	754.5	753.5	752.5	752.4	752.3	752.2	752.1	752.0	752.4
175°	759.3	758.2	757.1	755.9	754.8	754.7	754.5	754.4	754.3	754.2	754.6
177.5°	760.5	759.5	758.5	757.5	756.5	756.3	756.0	755.8	755.5	755.4	755.8
180°	757.6	757.6	757.6	757.6	757.6	757.6	757.6	757.6	757.6	757.6	757.6

TEST NUMBER: P1013280

CATALOG NUMBER: S124RDIP-B1195D590UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1968.8	1968.8	1968.8	1968.8
2.5°	1924.4	1933.9	1949.8	1972.0
5°	1880.0	1907.0	1932.4	1965.7
7.5°	1840.3	1872.1	1907.0	1954.6
10°	1794.3	1834.0	1878.4	1937.1
12.5°	1740.4	1795.9	1846.7	1910.1
15°	1700.7	1742.0	1807.0	1881.6
17.5°	1645.2	1700.7	1765.8	1849.9
20°	1592.8	1651.5	1724.5	1811.8
22.5°	1537.3	1603.9	1676.9	1770.5
25°	1480.2	1551.6	1624.6	1724.5
27.5°	1427.8	1492.9	1575.4	1676.9
30°	1364.4	1439.0	1518.3	1624.6
32.5°	1302.5	1380.3	1461.2	1567.5
35°	1235.9	1313.6	1402.5	1504.0
37.5°	1170.8	1256.5	1337.4	1435.8
40°	1099.4	1188.3	1272.4	1372.3
42.5°	1029.6	1121.7	1205.7	1291.4
45°	964.6	1055.0	1131.2	1212.1
47.5°	902.7	983.6	1061.4	1134.3
50°	842.4	910.6	982.0	1042.3
52.5°	779.0	844.0	901.1	955.1
55°	721.9	772.6	823.4	872.6
57.5°	653.6	704.4	748.8	786.9
60°	596.5	628.3	671.1	710.8
62.5°	531.5	568.0	601.3	626.7
65°	468.0	499.7	525.1	547.3
67.5°	414.1	433.1	452.2	475.9
70°	349.0	364.9	387.1	404.6
72.5°	293.5	306.2	317.3	337.9
75°	238.0	249.1	255.4	274.5
77.5°	184.0	195.1	199.9	211.0
80°	141.2	142.8	149.1	158.6
82.5°	96.8	99.9	101.5	109.5
85°	55.5	63.5	61.9	65.0
87.5°	23.8	25.4	28.6	31.7
90°	5.8	4.5	3.1	1.7
92.5°	7.8	8.0	8.3	8.5
95°	18.3	22.6	26.9	31.2
97.5°	67.8	65.1	62.3	59.5
100°	99.7	97.4	95.2	92.9
102.5°	134.8	133.3	131.8	130.3
105°	172.9	172.1	171.4	170.6
107.5°	208.5	208.2	207.8	207.4
110°	245.9	245.6	245.2	244.8

TEST NUMBER: P1013280

CATALOG NUMBER: S124RDIP-B1195D590UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	283.4	282.6	281.9	281.1
115°	319.6	319.3	318.9	318.5
117.5°	353.4	352.9	352.4	351.9
120°	387.4	386.9	386.4	385.9
122.5°	418.4	418.1	417.9	417.6
125°	449.2	448.7	448.2	447.7
127.5°	476.9	476.8	476.7	476.6
130°	504.7	504.6	504.4	504.3
132.5°	530.6	530.3	530.1	529.8
135°	555.0	555.1	555.2	555.3
137.5°	578.0	578.0	578.0	578.0
140°	600.8	600.6	600.3	600.1
142.5°	621.4	620.9	620.4	619.9
145°	641.4	641.1	640.7	640.3
147.5°	658.5	657.7	657.0	656.2
150°	675.3	674.8	674.3	673.8
152.5°	689.6	689.3	688.9	688.5
155°	702.5	702.4	702.2	702.1
157.5°	714.0	714.0	714.0	714.0
160°	723.1	723.4	723.8	724.2
162.5°	731.8	732.3	732.8	733.3
165°	738.7	739.4	740.0	740.6
167.5°	745.0	745.6	746.3	746.9
170°	749.7	750.5	751.2	752.0
172.5°	753.1	753.9	754.6	755.4
175°	755.3	756.1	756.8	757.6
177.5°	756.7	757.6	758.4	759.3
180°	757.6	757.6	757.6	757.6

(END OF REPORT)