

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: P1012340

Luminaire Tested: S123RDIP-B1165D365UB40-4F0-XX-W2A-A4

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1012340
REPORT IS A COMBINATION OF REPORTS P993029 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123RDIP-B1165D365UB40-4F0-XX-W2A-A4
Description: Define 3 Regressed Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865}
{m-EER=0.951}
Light Source: -
Ballast/Driver: -

Summary

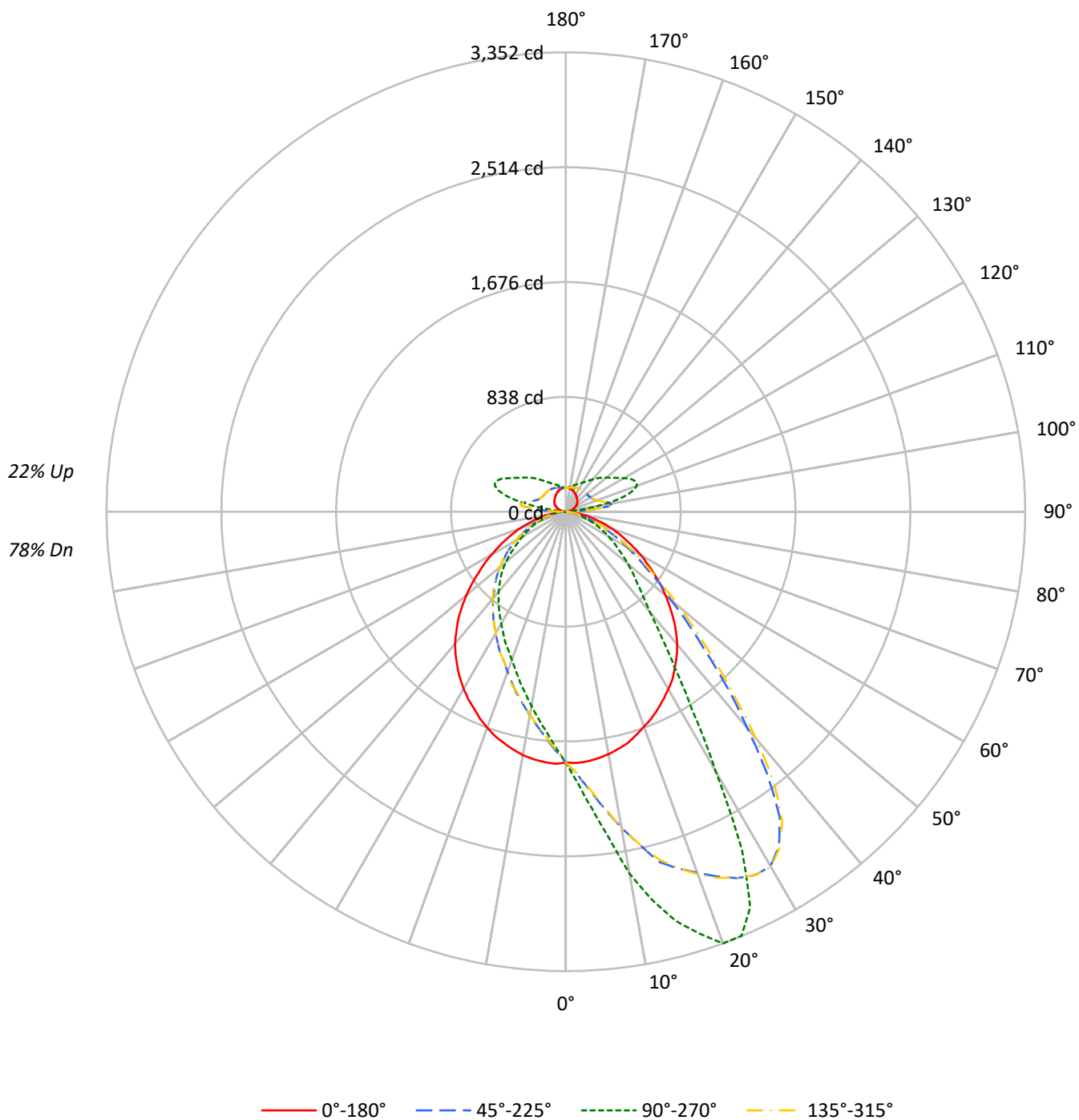
Lumens per Lamp: N/A
Luminaire Lumens: 5871.0 lumens
Efficiency: N/A
Efficacy: 83.2 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 70.6
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			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	114	114	114	114	108	108	108	108	99	99	99	90	90	90	81	81	81	78		
1	105	101	97	94	100	96	93	90	88	86	83	80	79	77	74	72	71	67		
2	96	89	83	78	92	85	80	75	78	74	70	72	69	66	66	63	61	58		
3	88	79	72	66	84	76	69	64	70	65	60	64	60	57	59	56	53	50		
4	81	71	63	57	78	68	61	55	63	57	52	58	53	49	53	50	46	44		
5	75	64	56	50	72	61	54	48	57	51	46	53	47	43	49	44	41	38		
6	70	58	50	44	66	56	48	43	52	45	41	48	43	39	44	40	37	34		
7	65	52	44	39	62	51	43	38	47	41	36	44	38	35	41	36	33	31		
8	60	48	40	35	58	46	39	34	43	37	33	40	35	31	38	33	30	28		
9	56	44	37	31	54	43	36	31	40	34	29	37	32	28	35	30	27	25		
10	53	41	33	29	51	39	33	28	37	31	27	35	29	26	32	28	25	23		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	19695	19695	19695	19695
5°	19710	22682	19760	16828
10°	19535	27382	19620	14698
15°	19335	31076	19335	12961
20°	18938	33520	19044	11497
25°	18648	31847	18611	10490
30°	18310	22066	18272	9507
35°	17904	14167	17823	8763
40°	17399	10004	17312	8026
45°	16517	8006	16495	7307
50°	15437	6697	15386	6466
55°	14220	5519	14108	5482
60°	13026	4562	12896	4662
65°	11625	3651	11702	3951
70°	10334	2537	10610	3194
75°	8760	1882	9118	2457
80°	6976	1248	7568	1841
85°	4966	590	5417	1146

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 30°

Vertical Angle: 45°

Luminance: 26293 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	179.7	3.1
10°-20°	562.5	9.6
20°-30°	885.9	15.1
30°-40°	921.2	15.7
40°-50°	788.1	13.4
50°-60°	600.8	10.2
60°-70°	384.9	6.6
70°-80°	184.4	3.1
80°-90°	49.5	0.8
90°-100°	94.8	1.6
100°-110°	277.5	4.7
110°-120°	271.0	4.6
120°-130°	215.8	3.7
130°-140°	170.3	2.9
140°-150°	127.0	2.2
150°-160°	88.6	1.5
160°-170°	52.0	0.9
170°-180°	16.9	0.3
0°-30°	1628.0	27.7
0°-40°	2549.2	43.4
0°-60°	3938.1	67.1
0°-90°	4557.0	77.6
90°-120°	643.3	11.0
90°-150°	1156.5	19.7
90°-180°	1314.0	22.4
0°-180°	5871.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1830	1830	1830	1830	1830	
5°	1828	2173	1833	1612	1828	173
15°	1747	3088	1747	1288	1747	491
25°	1588	3182	1585	1048	1588	732
35°	1386	1380	1380	854	1386	868
45°	1112	736	1111	672	1112	856
55°	785	462	779	459	785	703
65°	481	266	484	288	481	480
75°	230	113	240	147	230	249
85°	52	27	56	52	52	58
90°	1	10	1	10	1	4
95°	12	41	12	41	12	13
105°	41	450	41	450	41	44
115°	72	547	72	547	72	72
125°	101	431	101	431	101	90
135°	118	350	118	350	118	91
145°	135	273	135	273	135	84
155°	153	227	153	227	153	70
165°	167	198	167	198	167	47
175°	174	178	174	178	174	17
180°	175	175	175	175	175	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7
2.5°	1834.4	1846.9	1856.3	1862.6	1878.2	1887.6	1895.5	1909.6	1909.6	1912.7	1919.0
5°	1828.1	1854.7	1873.5	1898.6	1931.5	1947.2	1969.1	1987.9	2014.5	2028.6	2042.7
7.5°	1814.0	1851.6	1890.8	1928.4	1976.9	2008.3	2030.2	2078.8	2113.2	2155.5	2188.4
10°	1795.2	1846.9	1897.0	1955.0	2020.8	2067.8	2100.7	2164.9	2230.7	2290.2	2340.4
12.5°	1771.7	1834.4	1906.4	1976.9	2069.4	2116.3	2169.6	2249.5	2343.5	2418.7	2486.0
15°	1746.7	1818.7	1900.2	1986.3	2102.3	2168.0	2244.8	2341.9	2446.9	2555.0	2647.4
17.5°	1707.5	1798.3	1889.2	2014.5	2150.8	2190.0	2255.8	2388.9	2518.9	2616.1	2728.9
20°	1668.3	1770.2	1884.5	1997.3	2144.5	2235.4	2296.5	2437.5	2576.9	2694.4	2802.5
22.5°	1632.3	1738.8	1857.9	2000.4	2138.3	2229.1	2305.9	2453.1	2614.5	2746.1	2879.2
25°	1588.4	1704.4	1835.9	1970.7	2138.3	2207.2	2291.8	2462.5	2633.3	2785.2	2949.7
27.5°	1541.4	1658.9	1788.9	1926.8	2080.3	2182.1	2265.2	2448.4	2656.8	2819.7	2988.9
30°	1494.4	1615.1	1740.4	1864.1	2036.5	2133.6	2229.1	2431.2	2669.3	2855.7	2985.8
32.5°	1449.0	1550.8	1674.6	1795.2	1966.0	2072.5	2180.6	2414.0	2674.0	2830.7	2893.3
35°	1386.4	1492.9	1593.1	1721.6	1893.9	1998.9	2125.7	2412.4	2653.7	2750.8	2719.5
37.5°	1328.4	1417.7	1513.2	1627.6	1804.6	1940.9	2072.5	2371.7	2586.3	2592.6	2415.6
40°	1264.2	1337.8	1417.7	1538.3	1729.4	1864.1	2006.7	2309.0	2464.1	2371.7	2060.0
42.5°	1190.5	1256.3	1319.0	1436.5	1644.8	1795.2	1948.7	2230.7	2287.1	2074.1	1749.8
45°	1112.2	1165.5	1223.4	1347.2	1555.5	1704.4	1857.9	2110.1	2052.1	1751.4	1442.8
47.5°	1030.8	1076.2	1132.6	1245.4	1460.0	1611.9	1757.6	1937.8	1790.5	1467.8	1209.3
50°	949.3	985.3	1040.2	1156.1	1362.9	1500.7	1635.4	1752.9	1546.1	1259.5	999.4
52.5°	869.4	897.6	954.0	1052.7	1253.2	1384.8	1481.9	1527.3	1317.4	1040.2	867.8
55°	784.8	816.1	853.7	954.0	1152.9	1250.1	1314.3	1312.7	1096.6	881.9	717.5
57.5°	703.4	731.6	764.5	864.7	1026.1	1091.9	1146.7	1120.1	914.8	722.2	615.6
60°	631.3	647.0	683.0	767.6	889.8	946.2	977.5	932.1	747.2	609.4	509.1
62.5°	553.0	568.6	598.4	678.3	753.5	783.3	809.9	751.9	617.2	496.6	435.5
65°	480.9	501.3	520.1	584.3	625.0	661.1	657.9	609.4	482.5	404.2	354.0
67.5°	418.3	426.1	441.8	480.9	499.7	526.3	527.9	473.1	388.5	329.0	299.2
70°	350.9	358.7	369.7	388.5	401.0	407.3	404.2	355.6	292.9	256.9	230.3
72.5°	292.9	291.4	299.2	299.2	311.7	310.2	300.8	263.2	222.4	192.7	177.0
75°	230.3	231.8	233.4	230.3	225.6	219.3	211.5	183.3	156.7	142.6	128.5
77.5°	180.1	177.0	178.6	167.6	161.4	155.1	144.1	130.0	108.1	105.0	98.7
80°	128.5	126.9	125.3	120.6	106.5	100.3	92.4	84.6	79.9	76.8	75.2
82.5°	86.2	86.2	83.0	73.6	65.8	61.1	59.5	56.4	51.7	51.7	50.1
85°	51.7	50.1	47.0	37.6	32.9	32.9	32.9	32.9	29.8	29.8	28.2
87.5°	20.4	18.8	14.1	14.1	12.5	12.5	12.5	11.0	11.0	9.4	9.4
90°	0.7	1.4	2.1	3.2	3.9	4.2	4.6	5.7	6.7	7.8	8.8
92.5°	5.3	7.8	11.3	14.5	18.0	21.2	24.4	35.7	54.5	72.8	65.8
95°	12.0	13.1	17.0	23.0	32.2	39.1	46.0	76.0	128.7	186.7	209.7
97.5°	19.1	19.4	22.6	27.9	37.1	44.7	52.3	82.0	143.2	240.8	322.5
100°	26.2	26.5	29.0	33.9	42.4	49.3	56.2	81.0	133.3	226.3	334.9
102.5°	33.6	34.3	36.4	41.0	48.4	54.6	60.8	82.4	124.8	205.1	311.9
105°	41.0	42.1	44.2	48.4	55.2	60.6	66.1	85.2	121.6	188.5	284.3
107.5°	48.8	49.9	52.0	56.2	62.6	67.7	72.8	89.8	120.9	176.5	259.9
110°	57.3	58.3	60.1	64.0	70.0	75.0	79.9	95.8	122.7	170.1	239.8

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	65.1	66.1	67.9	71.8	77.8	82.6	87.3	101.8	126.2	166.6	226.3
115°	72.5	73.9	76.0	79.6	85.6	90.4	95.1	108.6	130.1	166.2	217.5
117.5°	79.9	81.7	83.5	86.6	93.4	97.8	102.2	115.6	135.1	166.6	211.5
120°	87.7	88.8	90.5	94.1	100.8	105.2	109.6	122.4	140.7	168.0	207.6
122.5°	94.4	95.5	97.2	101.1	107.5	112.2	117.0	129.4	146.0	170.4	205.1
125°	100.8	101.5	103.6	107.5	114.2	119.0	123.8	136.1	151.7	172.9	203.0
127.5°	105.7	106.8	109.3	113.2	120.6	125.4	130.1	142.2	156.3	175.8	201.9
130°	110.3	111.4	114.6	118.8	126.2	131.0	135.8	147.5	160.9	178.6	200.9
132.5°	113.9	115.3	118.8	124.1	131.5	136.1	140.7	152.1	165.1	180.7	200.5
135°	118.1	119.5	123.4	128.7	136.1	140.9	145.7	156.7	168.7	182.8	200.2
137.5°	122.0	123.4	127.3	133.0	140.4	144.8	149.2	159.8	171.5	184.2	199.4
140°	125.9	127.7	131.2	136.9	143.9	148.4	152.8	163.0	173.6	185.7	199.1
142.5°	130.1	131.5	135.4	140.4	147.5	151.6	155.6	165.5	175.8	186.7	198.4
145°	134.7	135.8	139.0	144.3	150.3	154.4	158.4	167.6	177.2	187.1	197.7
147.5°	139.3	140.0	143.2	147.8	153.8	157.4	160.9	169.4	178.2	187.1	196.6
150°	143.9	144.3	147.1	151.7	156.7	159.8	163.0	171.2	178.6	187.1	195.2
152.5°	148.5	148.5	151.4	155.2	159.5	162.5	165.5	172.2	179.3	186.0	193.4
155°	153.1	153.1	155.2	158.8	162.7	165.1	167.6	173.6	179.3	185.3	191.3
157.5°	156.7	157.0	158.8	162.0	165.5	167.4	169.4	174.3	179.6	184.2	189.5
160°	160.9	160.9	162.3	165.1	167.6	169.4	171.2	175.4	179.6	183.5	187.4
162.5°	164.1	164.1	165.1	167.3	169.4	170.8	172.2	175.8	179.3	182.1	185.3
165°	167.3	166.9	167.6	169.4	170.8	172.0	173.3	176.1	178.6	180.7	183.2
167.5°	169.7	169.4	169.7	171.2	172.2	173.1	174.0	176.1	178.2	179.3	181.1
170°	171.9	171.2	171.5	172.6	173.3	173.6	174.0	175.8	177.2	177.9	178.9
172.5°	173.3	172.9	172.9	173.6	174.0	174.2	174.3	175.8	176.8	176.8	177.2
175°	174.3	174.0	173.6	174.3	174.3	174.5	174.7	175.4	176.1	175.8	175.8
177.5°	175.0	174.7	174.3	174.7	174.7	174.7	174.7	175.0	175.8	175.0	174.7
180°	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7
2.5°	1931.5	1931.5	1945.6	1959.7	1951.9	1956.6	1973.8	1967.5	1980.1	1978.5	1983.2
5°	2077.2	2094.4	2108.5	2138.3	2143.0	2138.3	2168.0	2175.9	2190.0	2172.7	2180.6
7.5°	2241.7	2277.7	2312.2	2356.0	2370.1	2373.3	2388.9	2410.9	2429.6	2395.2	2412.4
10°	2401.5	2456.3	2526.8	2565.9	2600.4	2612.9	2625.5	2639.6	2661.5	2681.9	2666.2
12.5°	2573.8	2653.7	2721.0	2791.5	2833.8	2829.1	2865.1	2874.5	2891.8	2896.5	2902.7
15°	2714.8	2827.5	2869.8	2974.8	2984.2	3015.5	3056.3	3092.3	3097.0	3087.6	3087.6
17.5°	2849.5	2946.6	3021.8	3106.4	3123.6	3150.2	3201.9	3219.2	3225.4	3223.9	3223.9
20°	2959.1	3023.4	3150.2	3220.7	3248.9	3283.4	3319.4	3341.4	3346.1	3352.3	3342.9
22.5°	3031.2	3128.3	3231.7	3289.7	3313.2	3325.7	3349.2	3355.5	3347.6	3349.2	3350.8
25°	3087.6	3183.1	3245.8	3261.5	3259.9	3244.2	3227.0	3197.2	3194.1	3181.6	3156.5
27.5°	3103.2	3139.3	3131.4	3067.2	3003.0	2996.7	2893.3	2836.9	2772.7	2782.1	2746.1
30°	3018.7	2971.7	2860.4	2697.5	2630.2	2520.5	2404.6	2284.0	2237.0	2185.3	2280.8
32.5°	2811.9	2644.3	2446.9	2235.4	2122.6	2025.5	1901.7	1814.0	1763.9	1721.6	1803.0
35°	2500.1	2238.5	1976.9	1776.4	1684.0	1596.3	1480.3	1436.5	1373.8	1380.1	1387.9
37.5°	2099.1	1810.9	1613.5	1416.1	1355.0	1319.0	1234.4	1167.0	1145.1	1138.8	1138.8
40°	1723.2	1486.6	1311.2	1156.1	1109.1	1079.3	1012.0	980.6	957.1	950.9	958.7
42.5°	1425.5	1223.4	1087.2	983.8	950.9	913.3	885.1	845.9	841.2	830.2	844.3
45°	1196.8	1021.4	919.5	844.3	816.1	802.1	770.7	747.2	737.8	736.3	747.2
47.5°	1015.1	878.8	789.5	742.5	720.6	706.5	679.9	670.5	661.1	664.2	659.5
50°	852.2	750.4	692.4	650.1	636.0	621.9	604.7	595.3	590.6	590.6	589.0
52.5°	731.6	647.0	609.4	570.2	563.9	556.1	537.3	531.0	523.2	521.6	527.9
55°	626.6	568.6	531.0	507.5	501.3	485.6	477.8	470.0	465.3	462.1	463.7
57.5°	535.7	491.9	466.8	446.5	435.5	429.2	415.1	413.6	410.4	410.4	408.9
60°	460.6	429.2	399.5	386.9	379.1	371.3	369.7	360.3	355.6	358.7	357.2
62.5°	390.1	365.0	347.8	333.7	329.0	322.7	318.0	314.9	310.2	311.7	311.7
65°	325.8	305.5	292.9	280.4	278.8	272.6	271.0	267.9	267.9	266.3	269.4
67.5°	267.9	253.8	242.8	235.0	230.3	231.8	225.6	220.9	220.9	219.3	224.0
70°	213.0	205.2	194.2	184.8	178.6	178.6	170.7	169.2	169.2	169.2	167.6
72.5°	164.5	150.4	145.7	142.6	142.6	142.6	139.4	139.4	137.9	139.4	137.9
75°	122.2	120.6	117.5	115.9	115.9	114.4	112.8	112.8	112.8	112.8	112.8
77.5°	95.6	95.6	92.4	90.9	90.9	90.9	89.3	89.3	87.7	87.7	87.7
80°	70.5	70.5	67.4	67.4	67.4	65.8	65.8	65.8	67.4	65.8	65.8
82.5°	48.6	48.6	47.0	48.6	47.0	45.4	45.4	45.4	43.9	45.4	45.4
85°	28.2	28.2	26.6	25.1	26.6	26.6	25.1	26.6	25.1	26.6	25.1
87.5°	11.0	9.4	9.4	9.4	7.8	9.4	7.8	7.8	9.4	7.8	9.4
90°	8.5	8.8	9.2	9.5	9.9	10.3	9.9	10.3	10.6	10.3	10.6
92.5°	49.2	35.0	27.2	23.7	22.4	21.2	20.5	19.1	19.4	18.7	19.4
95°	170.1	127.3	86.3	67.5	61.2	54.8	48.1	44.9	42.4	41.0	42.4
97.5°	333.5	292.4	220.7	174.0	153.8	133.7	110.0	96.5	88.1	84.2	88.1
100°	404.5	416.9	388.3	346.9	321.8	296.7	261.0	235.2	221.4	221.7	221.4
102.5°	408.1	458.3	464.3	444.5	430.9	417.3	391.5	372.4	361.4	351.1	361.4
105°	385.8	459.7	495.1	501.8	497.2	492.6	476.3	462.9	451.6	449.8	451.6
107.5°	354.0	438.5	494.0	521.6	526.4	531.1	529.0	522.7	518.1	514.2	518.1
110°	324.3	405.3	470.3	514.9	527.2	539.6	549.5	552.4	551.7	550.9	551.7

TEST NUMBER: P1012340

CATALOG NUMBER: S123RDIP-B1165D365UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	298.5	372.4	439.2	490.5	507.3	524.1	544.2	554.5	558.0	558.4	558.0
115°	278.7	344.1	405.6	457.6	476.8	496.1	522.7	538.2	545.3	547.1	545.3
117.5°	265.6	322.2	376.6	424.3	444.3	464.3	491.9	509.2	519.8	522.3	519.8
120°	255.7	305.5	353.3	395.7	413.6	431.4	459.4	479.2	487.6	489.8	487.6
122.5°	247.5	292.4	334.5	373.1	389.4	405.6	429.7	447.0	456.5	459.4	456.5
125°	240.8	281.1	319.7	353.6	367.8	381.9	404.5	420.1	428.9	431.4	428.9
127.5°	234.5	270.9	305.9	337.0	350.1	363.2	383.7	397.1	405.3	407.4	405.3
130°	229.5	261.3	293.2	321.8	333.8	345.8	364.6	377.3	384.7	387.6	384.7
132.5°	224.9	252.5	281.1	307.3	318.6	329.9	347.3	360.0	366.4	368.1	366.4
135°	221.0	244.7	269.8	292.8	302.9	313.0	330.3	340.9	347.3	349.7	347.3
137.5°	217.5	237.3	258.5	279.0	288.0	297.0	311.9	322.9	328.2	330.3	328.2
140°	214.3	230.9	249.0	265.9	273.5	281.1	294.6	304.5	310.1	309.8	310.1
142.5°	211.5	224.9	239.8	253.9	260.2	266.6	277.6	286.1	291.0	290.7	291.0
145°	209.0	220.3	232.0	243.3	248.4	253.5	262.4	269.8	272.6	273.4	272.6
147.5°	206.5	216.4	226.0	235.5	239.2	242.9	250.0	255.3	258.1	258.5	258.1
150°	204.0	212.2	220.3	227.7	231.1	234.5	239.8	243.6	245.8	245.8	245.8
152.5°	201.2	208.3	215.0	221.4	224.0	226.7	230.6	234.1	235.2	235.2	235.2
155°	198.4	204.4	210.1	215.4	217.5	219.6	222.8	225.6	226.3	226.7	226.3
157.5°	195.2	200.2	205.1	209.3	211.1	212.9	215.7	217.8	218.5	218.5	218.5
160°	192.0	196.6	200.5	204.0	205.2	206.5	209.0	211.1	211.1	210.8	211.1
162.5°	188.8	192.4	195.6	198.7	199.8	200.9	202.3	204.0	204.0	203.7	204.0
165°	186.0	188.8	191.0	193.4	194.3	195.2	196.6	198.0	197.7	197.7	197.7
167.5°	183.2	185.7	187.4	188.8	189.5	190.2	191.0	192.0	191.7	191.7	191.7
170°	180.7	182.5	183.5	184.9	185.3	185.7	186.0	186.7	186.4	186.4	186.4
172.5°	178.2	179.6	180.3	181.4	181.6	181.8	181.8	182.5	181.8	181.4	181.8
175°	176.5	177.2	177.5	178.2	178.2	178.2	178.2	178.6	178.2	177.9	178.2
177.5°	175.0	175.4	175.8	176.1	176.1	176.1	175.8	176.1	175.4	175.4	175.4
180°	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7

TEST NUMBER: P1012340

CATALOG NUMBER: S123RDIP-B1165D365UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7
2.5°	1975.4	1966.0	1959.7	1955.0	1950.3	1964.4	1945.6	1925.2	1911.1	1901.7	1898.6
5°	2182.1	2161.8	2144.5	2130.4	2133.6	2133.6	2100.7	2064.7	2033.3	2016.1	1997.3
7.5°	2421.8	2399.9	2365.4	2357.6	2351.3	2312.2	2279.3	2213.5	2174.3	2135.1	2100.7
10°	2659.9	2631.7	2598.8	2587.9	2572.2	2523.6	2473.5	2388.9	2340.4	2268.3	2222.9
12.5°	2882.4	2847.9	2815.0	2807.2	2783.7	2741.4	2655.2	2567.5	2484.5	2407.7	2327.8
15°	3068.8	3059.4	3009.3	2977.9	2926.2	2868.3	2849.5	2730.4	2625.5	2545.6	2401.5
17.5°	3225.4	3181.6	3134.6	3114.2	3093.8	3026.5	2959.1	2836.9	2724.2	2606.7	2514.2
20°	3350.8	3302.2	3269.3	3239.5	3230.1	3153.4	3046.9	2938.8	2815.0	2683.4	2562.8
22.5°	3357.0	3350.8	3328.8	3311.6	3292.8	3242.7	3158.1	3023.4	2891.8	2747.7	2589.4
25°	3227.0	3217.6	3280.3	3264.6	3277.1	3258.3	3212.9	3100.1	2946.6	2777.4	2617.6
27.5°	2835.4	2930.9	3029.6	3064.1	3087.6	3154.9	3176.9	3114.2	2990.5	2810.3	2631.7
30°	2302.8	2429.6	2589.4	2675.6	2741.4	2866.7	3029.6	3050.0	2992.0	2847.9	2628.6
32.5°	1807.7	1923.7	2052.1	2153.9	2241.7	2498.6	2717.9	2876.1	2904.3	2829.1	2636.4
35°	1456.8	1507.0	1629.2	1726.3	1845.3	2064.7	2323.1	2578.5	2750.8	2760.2	2612.9
37.5°	1201.5	1228.1	1334.7	1389.5	1460.0	1652.7	1893.9	2227.6	2495.4	2622.3	2547.1
40°	994.7	1055.8	1116.9	1148.2	1198.4	1331.5	1563.4	1825.0	2157.1	2392.1	2445.3
42.5°	863.1	889.8	928.9	972.8	1004.1	1120.1	1275.1	1514.8	1814.0	2141.4	2288.7
45°	761.3	770.7	811.4	839.6	872.5	954.0	1063.7	1264.2	1527.3	1850.0	2100.7
47.5°	676.7	695.5	717.5	734.7	756.6	819.3	913.3	1059.0	1290.8	1579.0	1848.5
50°	601.5	612.5	640.7	648.5	664.2	708.1	780.1	891.3	1082.5	1312.7	1591.6
52.5°	531.0	551.4	562.4	573.3	587.4	623.5	670.5	761.3	905.4	1121.6	1358.2
55°	476.2	482.5	498.1	507.5	518.5	543.6	584.3	651.7	764.5	936.8	1160.8
57.5°	423.0	423.0	438.6	446.5	457.4	476.2	512.2	563.9	645.4	773.9	979.1
60°	366.6	368.1	380.7	390.1	393.2	412.0	441.8	482.5	545.1	639.1	806.8
62.5°	316.4	324.3	330.5	333.7	344.6	355.6	380.7	408.9	452.7	535.7	654.8
65°	274.1	275.7	280.4	283.5	288.2	300.8	319.6	338.4	376.0	437.1	534.2
67.5°	225.6	231.8	238.1	238.1	242.8	249.1	267.9	283.5	311.7	347.8	413.6
70°	169.2	172.3	181.7	186.4	192.7	203.6	213.0	222.4	244.4	271.0	321.1
72.5°	141.0	141.0	144.1	145.7	145.7	153.5	167.6	177.0	188.0	206.8	241.2
75°	112.8	112.8	117.5	115.9	119.1	122.2	123.8	130.0	136.3	150.4	170.7
77.5°	89.3	90.9	90.9	92.4	92.4	94.0	95.6	98.7	101.8	109.7	119.1
80°	65.8	67.4	67.4	68.9	68.9	70.5	72.1	73.6	76.8	79.9	84.6
82.5°	45.4	47.0	47.0	48.6	47.0	48.6	50.1	50.1	51.7	54.8	56.4
85°	26.6	26.6	28.2	26.6	26.6	26.6	28.2	28.2	29.8	34.5	34.5
87.5°	7.8	9.4	7.8	9.4	9.4	9.4	9.4	11.0	11.0	12.5	14.1
90°	10.3	9.9	10.3	9.9	9.5	9.2	8.8	8.5	8.8	7.8	6.7
92.5°	19.1	20.5	21.2	22.4	23.7	27.2	35.0	49.2	65.8	72.8	54.5
95°	44.9	48.1	54.8	61.2	67.5	86.3	127.3	170.1	209.7	186.7	128.7
97.5°	96.5	110.0	133.7	153.8	174.0	220.7	292.4	333.5	322.5	240.8	143.2
100°	235.2	261.0	296.7	321.8	346.9	388.3	416.9	404.5	334.9	226.3	133.3
102.5°	372.4	391.5	417.3	430.9	444.5	464.3	458.3	408.1	311.9	205.1	124.8
105°	462.9	476.3	492.6	497.2	501.8	495.1	459.7	385.8	284.3	188.5	121.6
107.5°	522.7	529.0	531.1	526.4	521.6	494.0	438.5	354.0	259.9	176.5	120.9
110°	552.4	549.5	539.6	527.2	514.9	470.3	405.3	324.3	239.8	170.1	122.7

TEST NUMBER: P1012340

CATALOG NUMBER: S123RDIP-B1165D365UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	554.5	544.2	524.1	507.3	490.5	439.2	372.4	298.5	226.3	166.6	126.2
115°	538.2	522.7	496.1	476.8	457.6	405.6	344.1	278.7	217.5	166.2	130.1
117.5°	509.2	491.9	464.3	444.3	424.3	376.6	322.2	265.6	211.5	166.6	135.1
120°	479.2	459.4	431.4	413.6	395.7	353.3	305.5	255.7	207.6	168.0	140.7
122.5°	447.0	429.7	405.6	389.4	373.1	334.5	292.4	247.5	205.1	170.4	146.0
125°	420.1	404.5	381.9	367.8	353.6	319.7	281.1	240.8	203.0	172.9	151.7
127.5°	397.1	383.7	363.2	350.1	337.0	305.9	270.9	234.5	201.9	175.8	156.3
130°	377.3	364.6	345.8	333.8	321.8	293.2	261.3	229.5	200.9	178.6	160.9
132.5°	360.0	347.3	329.9	318.6	307.3	281.1	252.5	224.9	200.5	180.7	165.1
135°	340.9	330.3	313.0	302.9	292.8	269.8	244.7	221.0	200.2	182.8	168.7
137.5°	322.9	311.9	297.0	288.0	279.0	258.5	237.3	217.5	199.4	184.2	171.5
140°	304.5	294.6	281.1	273.5	265.9	249.0	230.9	214.3	199.1	185.7	173.6
142.5°	286.1	277.6	266.6	260.2	253.9	239.8	224.9	211.5	198.4	186.7	175.8
145°	269.8	262.4	253.5	248.4	243.3	232.0	220.3	209.0	197.7	187.1	177.2
147.5°	255.3	250.0	242.9	239.2	235.5	226.0	216.4	206.5	196.6	187.1	178.2
150°	243.6	239.8	234.5	231.1	227.7	220.3	212.2	204.0	195.2	187.1	178.6
152.5°	234.1	230.6	226.7	224.0	221.4	215.0	208.3	201.2	193.4	186.0	179.3
155°	225.6	222.8	219.6	217.5	215.4	210.1	204.4	198.4	191.3	185.3	179.3
157.5°	217.8	215.7	212.9	211.1	209.3	205.1	200.2	195.2	189.5	184.2	179.6
160°	211.1	209.0	206.5	205.2	204.0	200.5	196.6	192.0	187.4	183.5	179.6
162.5°	204.0	202.3	200.9	199.8	198.7	195.6	192.4	188.8	185.3	182.1	179.3
165°	198.0	196.6	195.2	194.3	193.4	191.0	188.8	186.0	183.2	180.7	178.6
167.5°	192.0	191.0	190.2	189.5	188.8	187.4	185.7	183.2	181.1	179.3	178.2
170°	186.7	186.0	185.7	185.3	184.9	183.5	182.5	180.7	178.9	177.9	177.2
172.5°	182.5	181.8	181.8	181.6	181.4	180.3	179.6	178.2	177.2	176.8	176.8
175°	178.6	178.2	178.2	178.2	178.2	177.5	177.2	176.5	175.8	175.8	176.1
177.5°	176.1	175.8	176.1	176.1	176.1	175.8	175.4	175.0	174.7	175.0	175.8
180°	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7

TEST NUMBER: P1012340

CATALOG NUMBER: S123RDIP-B1165D365UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7
2.5°	1893.9	1886.1	1878.2	1878.2	1861.0	1845.3	1837.5	1840.6	1831.2	1818.7	1806.2
5°	1976.9	1945.6	1939.3	1922.1	1898.6	1865.7	1848.5	1832.8	1814.0	1788.9	1765.5
7.5°	2053.7	2013.0	1991.0	1973.8	1928.4	1882.9	1845.3	1820.3	1787.4	1749.8	1721.6
10°	2153.9	2078.8	2055.3	2016.1	1951.9	1887.6	1843.8	1803.0	1757.6	1713.8	1676.2
12.5°	2233.8	2147.7	2103.8	2064.7	1981.6	1900.2	1826.5	1776.4	1721.6	1673.0	1624.5
15°	2324.7	2227.6	2150.8	2103.8	1998.9	1900.2	1817.1	1746.7	1685.6	1626.0	1583.7
17.5°	2368.6	2246.4	2211.9	2144.5	1992.6	1893.9	1792.1	1716.9	1643.3	1574.3	1524.2
20°	2437.5	2294.9	2208.8	2163.3	2028.6	1882.9	1763.9	1677.7	1601.0	1527.3	1474.1
22.5°	2442.2	2287.1	2230.7	2144.5	1978.5	1850.0	1738.8	1633.9	1544.6	1475.6	1420.8
25°	2431.2	2273.0	2194.7	2125.7	1987.9	1831.2	1688.7	1585.3	1497.6	1417.7	1353.5
27.5°	2426.5	2232.3	2158.6	2089.7	1934.6	1776.4	1658.9	1541.4	1441.2	1370.7	1304.9
30°	2420.3	2188.4	2099.1	2019.2	1876.7	1734.1	1593.1	1491.3	1395.8	1306.5	1240.7
32.5°	2379.5	2128.9	2038.0	1953.4	1799.9	1657.4	1546.1	1438.1	1334.7	1251.6	1192.1
35°	2367.0	2074.1	1955.0	1864.1	1713.8	1586.9	1469.4	1380.1	1283.0	1199.9	1129.5
37.5°	2331.0	2017.7	1889.2	1773.3	1616.6	1496.0	1409.9	1320.6	1226.6	1137.3	1080.9
40°	2268.3	1951.9	1806.2	1687.1	1525.8	1403.6	1323.7	1257.9	1165.5	1085.6	1016.7
42.5°	2175.9	1884.5	1727.9	1602.5	1424.0	1309.6	1243.8	1181.1	1102.8	1019.8	963.4
45°	2069.4	1795.2	1649.5	1510.1	1328.4	1217.2	1148.2	1110.7	1038.6	968.1	902.3
47.5°	1923.7	1702.8	1558.7	1414.6	1229.7	1121.6	1066.8	1029.2	979.1	902.3	849.0
50°	1740.4	1583.7	1447.5	1319.0	1132.6	1029.2	974.4	946.2	903.9	849.0	797.4
52.5°	1536.7	1445.9	1333.1	1214.0	1033.9	936.8	886.6	864.7	833.4	781.7	737.8
55°	1331.5	1292.4	1215.6	1098.1	930.5	850.6	806.8	778.6	755.1	717.5	679.9
57.5°	1148.2	1129.5	1076.2	985.3	844.3	761.3	723.7	704.9	686.1	657.9	620.3
60°	958.7	979.1	924.2	878.8	750.4	678.3	645.4	625.0	615.6	590.6	567.1
62.5°	794.2	813.0	781.7	747.2	656.4	592.1	571.8	553.0	546.7	524.8	501.3
65°	645.4	668.9	645.4	626.6	571.8	518.5	493.4	484.1	477.8	463.7	444.9
67.5°	513.8	537.3	526.3	502.8	485.6	441.8	427.7	418.3	415.1	404.2	388.5
70°	386.9	419.8	423.0	408.9	393.2	372.8	363.4	360.3	352.5	343.1	333.7
72.5°	278.8	316.4	318.0	318.0	308.6	308.6	299.2	294.5	294.5	285.1	274.1
75°	205.2	230.3	233.4	236.5	241.2	245.9	239.7	239.7	238.1	228.7	224.0
77.5°	136.3	158.2	166.0	177.0	183.3	183.3	186.4	189.5	186.4	181.7	178.6
80°	87.7	103.4	112.8	119.1	128.5	133.2	137.9	139.4	136.3	134.7	130.0
82.5°	58.0	62.7	67.4	75.2	86.2	94.0	94.0	92.4	95.6	94.0	92.4
85°	32.9	36.0	37.6	39.2	45.4	53.3	54.8	56.4	59.5	56.4	53.3
87.5°	12.5	14.1	14.1	14.1	17.2	18.8	23.5	29.8	28.2	25.1	25.1
90°	5.7	4.6	4.2	3.9	3.2	2.1	1.4	0.7	1.4	2.1	3.2
92.5°	35.7	24.4	21.2	18.0	14.5	11.3	7.8	5.3	7.8	11.3	14.5
95°	76.0	46.0	39.1	32.2	23.0	17.0	13.1	12.0	13.1	17.0	23.0
97.5°	82.0	52.3	44.7	37.1	27.9	22.6	19.4	19.1	19.4	22.6	27.9
100°	81.0	56.2	49.3	42.4	33.9	29.0	26.5	26.2	26.5	29.0	33.9
102.5°	82.4	60.8	54.6	48.4	41.0	36.4	34.3	33.6	34.3	36.4	41.0
105°	85.2	66.1	60.6	55.2	48.4	44.2	42.1	41.0	42.1	44.2	48.4
107.5°	89.8	72.8	67.7	62.6	56.2	52.0	49.9	48.8	49.9	52.0	56.2
110°	95.8	79.9	75.0	70.0	64.0	60.1	58.3	57.3	58.3	60.1	64.0

TEST NUMBER: P1012340

CATALOG NUMBER: S123RDIP-B1165D365UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	101.8	87.3	82.6	77.8	71.8	67.9	66.1	65.1	66.1	67.9	71.8
115°	108.6	95.1	90.4	85.6	79.6	76.0	73.9	72.5	73.9	76.0	79.6
117.5°	115.6	102.2	97.8	93.4	86.6	83.5	81.7	79.9	81.7	83.5	86.6
120°	122.4	109.6	105.2	100.8	94.1	90.5	88.8	87.7	88.8	90.5	94.1
122.5°	129.4	117.0	112.2	107.5	101.1	97.2	95.5	94.4	95.5	97.2	101.1
125°	136.1	123.8	119.0	114.2	107.5	103.6	101.5	100.8	101.5	103.6	107.5
127.5°	142.2	130.1	125.4	120.6	113.2	109.3	106.8	105.7	106.8	109.3	113.2
130°	147.5	135.8	131.0	126.2	118.8	114.6	111.4	110.3	111.4	114.6	118.8
132.5°	152.1	140.7	136.1	131.5	124.1	118.8	115.3	113.9	115.3	118.8	124.1
135°	156.7	145.7	140.9	136.1	128.7	123.4	119.5	118.1	119.5	123.4	128.7
137.5°	159.8	149.2	144.8	140.4	133.0	127.3	123.4	122.0	123.4	127.3	133.0
140°	163.0	152.8	148.4	143.9	136.9	131.2	127.7	125.9	127.7	131.2	136.9
142.5°	165.5	155.6	151.6	147.5	140.4	135.4	131.5	130.1	131.5	135.4	140.4
145°	167.6	158.4	154.4	150.3	144.3	139.0	135.8	134.7	135.8	139.0	144.3
147.5°	169.4	160.9	157.4	153.8	147.8	143.2	140.0	139.3	140.0	143.2	147.8
150°	171.2	163.0	159.8	156.7	151.7	147.1	144.3	143.9	144.3	147.1	151.7
152.5°	172.2	165.5	162.5	159.5	155.2	151.4	148.5	148.5	148.5	151.4	155.2
155°	173.6	167.6	165.1	162.7	158.8	155.2	153.1	153.1	153.1	155.2	158.8
157.5°	174.3	169.4	167.4	165.5	162.0	158.8	157.0	156.7	157.0	158.8	162.0
160°	175.4	171.2	169.4	167.6	165.1	162.3	160.9	160.9	160.9	162.3	165.1
162.5°	175.8	172.2	170.8	169.4	167.3	165.1	164.1	164.1	164.1	165.1	167.3
165°	176.1	173.3	172.0	170.8	169.4	167.6	166.9	167.3	166.9	167.6	169.4
167.5°	176.1	174.0	173.1	172.2	171.2	169.7	169.4	169.7	169.4	169.7	171.2
170°	175.8	174.0	173.6	173.3	172.6	171.5	171.2	171.9	171.2	171.5	172.6
172.5°	175.8	174.3	174.2	174.0	173.6	172.9	172.9	173.3	172.9	172.9	173.6
175°	175.4	174.7	174.5	174.3	174.3	173.6	174.0	174.3	174.0	173.6	174.3
177.5°	175.0	174.7	174.7	174.7	174.7	174.3	174.7	175.0	174.7	174.3	174.7
180°	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7

TEST NUMBER: P1012340

CATALOG NUMBER: S123RDIP-B1165D365UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7
2.5°	1806.2	1798.3	1795.2	1787.4	1768.6	1756.1	1742.0	1732.6	1734.1	1726.3	1731.0
5°	1749.8	1748.2	1737.3	1721.6	1695.0	1680.9	1655.8	1643.3	1637.0	1638.6	1629.2
7.5°	1702.8	1688.7	1680.9	1655.8	1630.7	1601.0	1580.6	1569.6	1560.2	1550.8	1544.6
10°	1649.5	1637.0	1624.5	1597.8	1563.4	1535.2	1507.0	1496.0	1481.9	1475.6	1470.9
12.5°	1593.1	1585.3	1569.6	1538.3	1499.1	1472.5	1439.6	1433.4	1414.6	1402.0	1398.9
15°	1541.4	1536.7	1508.5	1472.5	1433.4	1406.7	1378.5	1359.7	1328.4	1334.7	1323.7
17.5°	1486.6	1466.2	1449.0	1400.5	1381.7	1340.9	1308.0	1298.6	1276.7	1262.6	1248.5
20°	1425.5	1413.0	1391.1	1359.7	1314.3	1267.3	1242.2	1226.6	1214.0	1192.1	1185.8
22.5°	1367.6	1351.9	1333.1	1292.4	1253.2	1214.0	1179.6	1165.5	1149.8	1134.1	1124.8
25°	1322.1	1298.6	1278.3	1228.1	1189.0	1156.1	1134.1	1110.7	1088.7	1079.3	1076.2
27.5°	1251.6	1237.5	1217.2	1170.2	1134.1	1098.1	1077.8	1062.1	1038.6	1027.6	1018.2
30°	1206.2	1178.0	1154.5	1116.9	1080.9	1041.7	1022.9	1004.1	990.0	975.9	965.0
32.5°	1145.1	1123.2	1104.4	1066.8	1030.8	994.7	974.4	946.2	938.3	927.4	914.8
35°	1085.6	1071.5	1051.1	1010.4	971.2	946.2	924.2	897.6	888.2	880.4	869.4
37.5°	1029.2	1008.8	994.7	955.6	921.1	891.3	874.1	852.2	845.9	836.5	828.7
40°	980.6	960.3	946.2	907.0	871.0	839.6	828.7	806.8	797.4	786.4	781.7
42.5°	925.8	908.6	889.8	861.6	824.0	792.7	770.7	758.2	745.7	741.0	731.6
45°	867.8	852.2	838.1	806.8	767.6	745.7	726.9	709.6	700.2	692.4	686.1
47.5°	817.7	803.6	784.8	750.4	719.0	698.7	679.9	662.6	653.2	643.8	636.0
50°	759.8	751.9	731.6	698.7	668.9	645.4	628.2	612.5	606.2	595.3	582.7
52.5°	708.1	694.0	676.7	650.1	623.5	595.3	571.8	562.4	551.4	545.1	534.2
55°	647.0	637.6	618.8	595.3	567.1	543.6	526.3	513.8	499.7	493.4	479.4
57.5°	595.3	578.0	568.6	538.9	512.2	488.7	476.2	463.7	448.0	438.6	432.4
60°	538.9	523.2	509.1	484.1	465.3	440.2	421.4	410.4	399.5	386.9	380.7
62.5°	484.1	471.5	454.3	433.9	410.4	390.1	376.0	360.3	354.0	341.5	336.8
65°	424.5	415.1	401.0	377.5	358.7	341.5	327.4	314.9	308.6	303.9	300.8
67.5°	371.3	358.7	349.3	329.0	308.6	294.5	286.7	278.8	271.0	266.3	261.6
70°	316.4	307.0	297.6	278.8	264.7	252.2	245.9	239.7	235.0	230.3	225.6
72.5°	260.0	255.3	245.9	233.4	222.4	213.0	208.3	200.5	195.8	188.0	184.8
75°	214.6	206.8	202.1	191.1	181.7	173.9	167.6	158.2	152.0	148.8	147.3
77.5°	169.2	166.0	159.8	150.4	145.7	137.9	128.5	125.3	122.2	122.2	120.6
80°	126.9	122.2	117.5	109.7	105.0	98.7	98.7	98.7	97.1	98.7	97.1
82.5°	86.2	83.0	79.9	75.2	73.6	73.6	75.2	75.2	75.2	75.2	75.2
85°	50.1	50.1	50.1	51.7	50.1	50.1	51.7	53.3	51.7	51.7	50.1
87.5°	23.5	23.5	25.1	25.1	26.6	26.6	26.6	26.6	26.6	26.6	28.2
90°	3.9	4.2	4.6	5.7	6.7	7.8	8.8	8.5	8.8	9.2	9.5
92.5°	18.0	21.2	24.4	35.7	54.5	72.8	65.8	49.2	35.0	27.2	23.7
95°	32.2	39.1	46.0	76.0	128.7	186.7	209.7	170.1	127.3	86.3	67.5
97.5°	37.1	44.7	52.3	82.0	143.2	240.8	322.5	333.5	292.4	220.7	174.0
100°	42.4	49.3	56.2	81.0	133.3	226.3	334.9	404.5	416.9	388.3	346.9
102.5°	48.4	54.6	60.8	82.4	124.8	205.1	311.9	408.1	458.3	464.3	444.5
105°	55.2	60.6	66.1	85.2	121.6	188.5	284.3	385.8	459.7	495.1	501.8
107.5°	62.6	67.7	72.8	89.8	120.9	176.5	259.9	354.0	438.5	494.0	521.6
110°	70.0	75.0	79.9	95.8	122.7	170.1	239.8	324.3	405.3	470.3	514.9

TEST NUMBER: P1012340

CATALOG NUMBER: S123RDIP-B1165D365UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	77.8	82.6	87.3	101.8	126.2	166.6	226.3	298.5	372.4	439.2	490.5
115°	85.6	90.4	95.1	108.6	130.1	166.2	217.5	278.7	344.1	405.6	457.6
117.5°	93.4	97.8	102.2	115.6	135.1	166.6	211.5	265.6	322.2	376.6	424.3
120°	100.8	105.2	109.6	122.4	140.7	168.0	207.6	255.7	305.5	353.3	395.7
122.5°	107.5	112.2	117.0	129.4	146.0	170.4	205.1	247.5	292.4	334.5	373.1
125°	114.2	119.0	123.8	136.1	151.7	172.9	203.0	240.8	281.1	319.7	353.6
127.5°	120.6	125.4	130.1	142.2	156.3	175.8	201.9	234.5	270.9	305.9	337.0
130°	126.2	131.0	135.8	147.5	160.9	178.6	200.9	229.5	261.3	293.2	321.8
132.5°	131.5	136.1	140.7	152.1	165.1	180.7	200.5	224.9	252.5	281.1	307.3
135°	136.1	140.9	145.7	156.7	168.7	182.8	200.2	221.0	244.7	269.8	292.8
137.5°	140.4	144.8	149.2	159.8	171.5	184.2	199.4	217.5	237.3	258.5	279.0
140°	143.9	148.4	152.8	163.0	173.6	185.7	199.1	214.3	230.9	249.0	265.9
142.5°	147.5	151.6	155.6	165.5	175.8	186.7	198.4	211.5	224.9	239.8	253.9
145°	150.3	154.4	158.4	167.6	177.2	187.1	197.7	209.0	220.3	232.0	243.3
147.5°	153.8	157.4	160.9	169.4	178.2	187.1	196.6	206.5	216.4	226.0	235.5
150°	156.7	159.8	163.0	171.2	178.6	187.1	195.2	204.0	212.2	220.3	227.7
152.5°	159.5	162.5	165.5	172.2	179.3	186.0	193.4	201.2	208.3	215.0	221.4
155°	162.7	165.1	167.6	173.6	179.3	185.3	191.3	198.4	204.4	210.1	215.4
157.5°	165.5	167.4	169.4	174.3	179.6	184.2	189.5	195.2	200.2	205.1	209.3
160°	167.6	169.4	171.2	175.4	179.6	183.5	187.4	192.0	196.6	200.5	204.0
162.5°	169.4	170.8	172.2	175.8	179.3	182.1	185.3	188.8	192.4	195.6	198.7
165°	170.8	172.0	173.3	176.1	178.6	180.7	183.2	186.0	188.8	191.0	193.4
167.5°	172.2	173.1	174.0	176.1	178.2	179.3	181.1	183.2	185.7	187.4	188.8
170°	173.3	173.6	174.0	175.8	177.2	177.9	178.9	180.7	182.5	183.5	184.9
172.5°	174.0	174.2	174.3	175.8	176.8	176.8	177.2	178.2	179.6	180.3	181.4
175°	174.3	174.5	174.7	175.4	176.1	175.8	175.8	176.5	177.2	177.5	178.2
177.5°	174.7	174.7	174.7	175.0	175.8	175.0	174.7	175.0	175.4	175.8	176.1
180°	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7

TEST NUMBER: P1012340

CATALOG NUMBER: S123RDIP-B1165D365UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7
2.5°	1729.4	1731.0	1726.3	1716.9	1715.3	1718.5	1727.9	1724.7	1716.9	1731.0	1718.5
5°	1633.9	1626.0	1622.9	1626.0	1616.6	1611.9	1621.3	1616.6	1621.3	1622.9	1627.6
7.5°	1541.4	1543.0	1533.6	1535.2	1522.6	1525.8	1525.8	1525.8	1530.5	1533.6	1539.9
10°	1461.5	1464.7	1453.7	1455.3	1445.9	1439.6	1444.3	1453.7	1453.7	1453.7	1456.8
12.5°	1397.3	1383.2	1375.4	1373.8	1362.9	1359.7	1369.1	1372.3	1380.1	1380.1	1384.8
15°	1317.4	1314.3	1308.0	1308.0	1281.4	1287.7	1290.8	1301.8	1317.4	1304.9	1308.0
17.5°	1245.4	1237.5	1229.7	1226.6	1223.4	1214.0	1226.6	1225.0	1234.4	1236.0	1240.7
20°	1181.1	1174.9	1159.2	1160.8	1163.9	1149.8	1157.6	1157.6	1167.0	1176.4	1187.4
22.5°	1118.5	1112.2	1104.4	1107.5	1098.1	1095.0	1095.0	1102.8	1113.8	1121.6	1120.1
25°	1069.9	1059.0	1054.3	1049.6	1044.9	1048.0	1043.3	1051.1	1059.0	1063.7	1059.0
27.5°	1015.1	1010.4	1001.0	996.3	988.5	991.6	994.7	1001.0	1005.7	1005.7	1010.4
30°	961.8	955.6	952.4	947.7	947.7	941.5	943.0	949.3	954.0	958.7	965.0
32.5°	910.1	905.4	900.7	900.7	897.6	896.0	894.5	903.9	903.9	913.3	913.3
35°	867.8	860.0	860.0	852.2	855.3	853.7	850.6	856.9	858.4	864.7	863.1
37.5°	820.8	820.8	817.7	809.9	803.6	805.2	813.0	813.0	817.7	816.1	820.8
40°	773.9	770.7	770.7	766.0	764.5	762.9	764.5	766.0	773.9	772.3	773.9
42.5°	726.9	728.4	720.6	720.6	720.6	715.9	717.5	719.0	722.2	725.3	730.0
45°	681.4	678.3	676.7	673.6	670.5	672.0	670.5	676.7	675.2	678.3	683.0
47.5°	632.9	628.2	626.6	620.3	620.3	623.5	621.9	626.6	628.2	632.9	629.7
50°	585.9	579.6	574.9	576.5	567.1	570.2	570.2	574.9	579.6	581.2	584.3
52.5°	531.0	529.5	527.9	520.1	518.5	516.9	518.5	520.1	526.3	531.0	532.6
55°	477.8	476.2	466.8	463.7	459.0	459.0	462.1	463.7	474.7	476.2	482.5
57.5°	429.2	424.5	413.6	412.0	412.0	412.0	407.3	413.6	416.7	424.5	424.5
60°	376.0	376.0	366.6	366.6	368.1	366.6	366.6	368.1	368.1	374.4	377.5
62.5°	333.7	332.1	332.1	329.0	327.4	329.0	327.4	327.4	329.0	333.7	338.4
65°	296.1	294.5	292.9	291.4	288.2	288.2	289.8	292.9	292.9	296.1	297.6
67.5°	260.0	260.0	256.9	256.9	255.3	253.8	255.3	253.8	260.0	260.0	261.6
70°	224.0	222.4	217.7	216.2	211.5	213.0	213.0	217.7	219.3	222.4	225.6
72.5°	180.1	180.1	177.0	173.9	175.4	172.3	172.3	173.9	173.9	178.6	180.1
75°	148.8	145.7	144.1	145.7	144.1	147.3	144.1	144.1	147.3	147.3	147.3
77.5°	122.2	122.2	120.6	120.6	122.2	120.6	122.2	122.2	122.2	120.6	122.2
80°	100.3	98.7	98.7	98.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1
82.5°	75.2	75.2	73.6	75.2	75.2	73.6	75.2	73.6	73.6	75.2	75.2
85°	50.1	53.3	50.1	50.1	51.7	51.7	53.3	51.7	53.3	50.1	51.7
87.5°	26.6	28.2	28.2	26.6	26.6	28.2	28.2	28.2	29.8	26.6	28.2
90°	9.9	10.3	9.9	10.3	10.6	10.3	10.6	10.3	9.9	10.3	9.9
92.5°	22.4	21.2	20.5	19.1	19.4	18.7	19.4	19.1	20.5	21.2	22.4
95°	61.2	54.8	48.1	44.9	42.4	41.0	42.4	44.9	48.1	54.8	61.2
97.5°	153.8	133.7	110.0	96.5	88.1	84.2	88.1	96.5	110.0	133.7	153.8
100°	321.8	296.7	261.0	235.2	221.4	221.7	221.4	235.2	261.0	296.7	321.8
102.5°	430.9	417.3	391.5	372.4	361.4	351.1	361.4	372.4	391.5	417.3	430.9
105°	497.2	492.6	476.3	462.9	451.6	449.8	451.6	462.9	476.3	492.6	497.2
107.5°	526.4	531.1	529.0	522.7	518.1	514.2	518.1	522.7	529.0	531.1	526.4
110°	527.2	539.6	549.5	552.4	551.7	550.9	551.7	552.4	549.5	539.6	527.2

TEST NUMBER: P1012340

CATALOG NUMBER: S123RDIP-B1165D365UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	507.3	524.1	544.2	554.5	558.0	558.4	558.0	554.5	544.2	524.1	507.3
115°	476.8	496.1	522.7	538.2	545.3	547.1	545.3	538.2	522.7	496.1	476.8
117.5°	444.3	464.3	491.9	509.2	519.8	522.3	519.8	509.2	491.9	464.3	444.3
120°	413.6	431.4	459.4	479.2	487.6	489.8	487.6	479.2	459.4	431.4	413.6
122.5°	389.4	405.6	429.7	447.0	456.5	459.4	456.5	447.0	429.7	405.6	389.4
125°	367.8	381.9	404.5	420.1	428.9	431.4	428.9	420.1	404.5	381.9	367.8
127.5°	350.1	363.2	383.7	397.1	405.3	407.4	405.3	397.1	383.7	363.2	350.1
130°	333.8	345.8	364.6	377.3	384.7	387.6	384.7	377.3	364.6	345.8	333.8
132.5°	318.6	329.9	347.3	360.0	366.4	368.1	366.4	360.0	347.3	329.9	318.6
135°	302.9	313.0	330.3	340.9	347.3	349.7	347.3	340.9	330.3	313.0	302.9
137.5°	288.0	297.0	311.9	322.9	328.2	330.3	328.2	322.9	311.9	297.0	288.0
140°	273.5	281.1	294.6	304.5	310.1	309.8	310.1	304.5	294.6	281.1	273.5
142.5°	260.2	266.6	277.6	286.1	291.0	290.7	291.0	286.1	277.6	266.6	260.2
145°	248.4	253.5	262.4	269.8	272.6	273.4	272.6	269.8	262.4	253.5	248.4
147.5°	239.2	242.9	250.0	255.3	258.1	258.5	258.1	255.3	250.0	242.9	239.2
150°	231.1	234.5	239.8	243.6	245.8	245.8	245.8	243.6	239.8	234.5	231.1
152.5°	224.0	226.7	230.6	234.1	235.2	235.2	235.2	234.1	230.6	226.7	224.0
155°	217.5	219.6	222.8	225.6	226.3	226.7	226.3	225.6	222.8	219.6	217.5
157.5°	211.1	212.9	215.7	217.8	218.5	218.5	218.5	217.8	215.7	212.9	211.1
160°	205.2	206.5	209.0	211.1	211.1	210.8	211.1	211.1	209.0	206.5	205.2
162.5°	199.8	200.9	202.3	204.0	204.0	203.7	204.0	204.0	202.3	200.9	199.8
165°	194.3	195.2	196.6	198.0	197.7	197.7	197.7	198.0	196.6	195.2	194.3
167.5°	189.5	190.2	191.0	192.0	191.7	191.7	191.7	192.0	191.0	190.2	189.5
170°	185.3	185.7	186.0	186.7	186.4	186.4	186.4	186.7	186.0	185.7	185.3
172.5°	181.6	181.8	181.8	182.5	181.8	181.4	181.8	182.5	181.8	181.8	181.6
175°	178.2	178.2	178.2	178.6	178.2	177.9	178.2	178.6	178.2	178.2	178.2
177.5°	176.1	176.1	175.8	176.1	175.4	175.4	175.4	176.1	175.8	176.1	176.1
180°	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7

TEST NUMBER: P1012340

CATALOG NUMBER: S123RDIP-B1165D365UB40-4FO-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7	1829.7
2.5°	1731.0	1737.3	1731.0	1718.5	1731.0	1738.8	1746.7	1759.2	1765.5	1765.5	1774.9
5°	1632.3	1644.8	1640.1	1637.0	1649.5	1657.4	1669.9	1685.6	1702.8	1713.8	1726.3
7.5°	1544.6	1552.4	1560.2	1560.2	1572.8	1590.0	1608.8	1627.6	1649.5	1665.2	1674.6
10°	1467.8	1474.1	1478.8	1485.0	1503.8	1522.6	1547.7	1571.2	1590.0	1607.2	1622.9
12.5°	1394.2	1403.6	1414.6	1419.3	1433.4	1456.8	1480.3	1508.5	1538.3	1555.5	1571.2
15°	1323.7	1328.4	1340.9	1355.0	1367.6	1392.6	1422.4	1452.2	1477.2	1503.8	1517.9
17.5°	1251.6	1253.2	1286.1	1278.3	1319.0	1342.5	1358.2	1386.4	1427.1	1449.0	1470.9
20°	1181.1	1196.8	1210.9	1218.7	1240.7	1267.3	1312.7	1334.7	1367.6	1387.9	1406.7
22.5°	1126.3	1149.8	1149.8	1168.6	1179.6	1204.6	1237.5	1279.8	1315.9	1330.0	1356.6
25°	1077.8	1088.7	1107.5	1113.8	1134.1	1156.1	1178.0	1223.4	1262.6	1281.4	1300.2
27.5°	1015.1	1029.2	1054.3	1054.3	1080.9	1104.4	1131.0	1160.8	1199.9	1226.6	1246.9
30°	966.5	980.6	991.6	1008.8	1019.8	1041.7	1088.7	1110.7	1145.1	1168.6	1193.7
32.5°	921.1	932.1	941.5	960.3	972.8	997.9	1022.9	1062.1	1091.9	1113.8	1140.4
35°	871.0	881.9	894.5	908.6	927.4	950.9	974.4	1007.3	1037.0	1057.4	1079.3
37.5°	824.0	831.8	850.6	860.0	875.7	897.6	927.4	961.8	988.5	1004.1	1026.1
40°	778.6	784.8	798.9	816.1	827.1	844.3	875.7	905.4	938.3	957.1	974.4
42.5°	730.0	737.8	750.4	767.6	784.8	803.6	820.8	855.3	885.1	900.7	919.5
45°	687.7	692.4	701.8	719.0	736.3	750.4	777.0	808.3	836.5	849.0	869.4
47.5°	637.6	642.3	656.4	664.2	683.0	701.8	728.4	759.8	784.8	797.4	816.1
50°	585.9	590.6	600.0	617.2	629.7	650.1	673.6	700.2	731.6	748.8	759.8
52.5°	535.7	545.1	553.0	567.1	582.7	603.1	625.0	650.1	676.7	694.0	706.5
55°	485.6	493.4	502.8	510.7	529.5	548.3	573.3	596.8	620.3	636.0	650.1
57.5°	429.2	440.2	449.6	465.3	479.4	495.0	523.2	542.0	570.2	581.2	593.7
60°	380.7	391.6	399.5	412.0	424.5	444.9	463.7	487.2	510.7	524.8	540.4
62.5°	339.9	344.6	349.3	361.9	374.4	393.2	412.0	435.5	460.6	468.4	480.9
65°	299.2	303.9	311.7	322.7	332.1	343.1	363.4	382.2	405.7	418.3	423.0
67.5°	264.7	269.4	271.0	278.8	286.7	299.2	310.2	329.0	350.9	358.7	368.1
70°	225.6	233.4	235.0	241.2	244.4	252.2	264.7	278.8	296.1	310.2	318.0
72.5°	180.1	191.1	194.2	203.6	208.3	216.2	225.6	236.5	247.5	253.8	260.0
75°	147.3	150.4	152.0	159.8	167.6	178.6	183.3	189.5	198.9	206.8	213.0
77.5°	122.2	123.8	125.3	125.3	126.9	133.2	142.6	150.4	156.7	159.8	164.5
80°	98.7	97.1	97.1	98.7	98.7	98.7	101.8	112.8	115.9	123.8	122.2
82.5°	76.8	73.6	75.2	73.6	73.6	73.6	73.6	75.2	75.2	79.9	83.0
85°	50.1	51.7	50.1	50.1	48.6	50.1	48.6	48.6	47.0	47.0	45.4
87.5°	26.6	28.2	26.6	26.6	25.1	26.6	25.1	25.1	23.5	23.5	20.4
90°	9.5	9.2	8.8	8.5	8.8	7.8	6.7	5.7	4.6	4.2	3.9
92.5°	23.7	27.2	35.0	49.2	65.8	72.8	54.5	35.7	24.4	21.2	18.0
95°	67.5	86.3	127.3	170.1	209.7	186.7	128.7	76.0	46.0	39.1	32.2
97.5°	174.0	220.7	292.4	333.5	322.5	240.8	143.2	82.0	52.3	44.7	37.1
100°	346.9	388.3	416.9	404.5	334.9	226.3	133.3	81.0	56.2	49.3	42.4
102.5°	444.5	464.3	458.3	408.1	311.9	205.1	124.8	82.4	60.8	54.6	48.4
105°	501.8	495.1	459.7	385.8	284.3	188.5	121.6	85.2	66.1	60.6	55.2
107.5°	521.6	494.0	438.5	354.0	259.9	176.5	120.9	89.8	72.8	67.7	62.6
110°	514.9	470.3	405.3	324.3	239.8	170.1	122.7	95.8	79.9	75.0	70.0

TEST NUMBER: P1012340

CATALOG NUMBER: S123RDIP-B1165D365UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	490.5	439.2	372.4	298.5	226.3	166.6	126.2	101.8	87.3	82.6	77.8
115°	457.6	405.6	344.1	278.7	217.5	166.2	130.1	108.6	95.1	90.4	85.6
117.5°	424.3	376.6	322.2	265.6	211.5	166.6	135.1	115.6	102.2	97.8	93.4
120°	395.7	353.3	305.5	255.7	207.6	168.0	140.7	122.4	109.6	105.2	100.8
122.5°	373.1	334.5	292.4	247.5	205.1	170.4	146.0	129.4	117.0	112.2	107.5
125°	353.6	319.7	281.1	240.8	203.0	172.9	151.7	136.1	123.8	119.0	114.2
127.5°	337.0	305.9	270.9	234.5	201.9	175.8	156.3	142.2	130.1	125.4	120.6
130°	321.8	293.2	261.3	229.5	200.9	178.6	160.9	147.5	135.8	131.0	126.2
132.5°	307.3	281.1	252.5	224.9	200.5	180.7	165.1	152.1	140.7	136.1	131.5
135°	292.8	269.8	244.7	221.0	200.2	182.8	168.7	156.7	145.7	140.9	136.1
137.5°	279.0	258.5	237.3	217.5	199.4	184.2	171.5	159.8	149.2	144.8	140.4
140°	265.9	249.0	230.9	214.3	199.1	185.7	173.6	163.0	152.8	148.4	143.9
142.5°	253.9	239.8	224.9	211.5	198.4	186.7	175.8	165.5	155.6	151.6	147.5
145°	243.3	232.0	220.3	209.0	197.7	187.1	177.2	167.6	158.4	154.4	150.3
147.5°	235.5	226.0	216.4	206.5	196.6	187.1	178.2	169.4	160.9	157.4	153.8
150°	227.7	220.3	212.2	204.0	195.2	187.1	178.6	171.2	163.0	159.8	156.7
152.5°	221.4	215.0	208.3	201.2	193.4	186.0	179.3	172.2	165.5	162.5	159.5
155°	215.4	210.1	204.4	198.4	191.3	185.3	179.3	173.6	167.6	165.1	162.7
157.5°	209.3	205.1	200.2	195.2	189.5	184.2	179.6	174.3	169.4	167.4	165.5
160°	204.0	200.5	196.6	192.0	187.4	183.5	179.6	175.4	171.2	169.4	167.6
162.5°	198.7	195.6	192.4	188.8	185.3	182.1	179.3	175.8	172.2	170.8	169.4
165°	193.4	191.0	188.8	186.0	183.2	180.7	178.6	176.1	173.3	172.0	170.8
167.5°	188.8	187.4	185.7	183.2	181.1	179.3	178.2	176.1	174.0	173.1	172.2
170°	184.9	183.5	182.5	180.7	178.9	177.9	177.2	175.8	174.0	173.6	173.3
172.5°	181.4	180.3	179.6	178.2	177.2	176.8	176.8	175.8	174.3	174.2	174.0
175°	178.2	177.5	177.2	176.5	175.8	175.8	176.1	175.4	174.7	174.5	174.3
177.5°	176.1	175.8	175.4	175.0	174.7	175.0	175.8	175.0	174.7	174.7	174.7
180°	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7

TEST NUMBER: P1012340

CATALOG NUMBER: S123RDIP-B1165D365UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1829.7	1829.7	1829.7	1829.7
2.5°	1782.7	1793.6	1815.6	1834.4
5°	1745.1	1762.3	1795.2	1828.1
7.5°	1699.7	1726.3	1768.6	1814.0
10°	1655.8	1690.3	1742.0	1795.2
12.5°	1611.9	1648.0	1702.8	1771.7
15°	1560.2	1597.8	1663.6	1746.7
17.5°	1514.8	1564.9	1624.5	1707.5
20°	1466.2	1503.8	1580.6	1668.3
22.5°	1405.2	1467.8	1539.9	1632.3
25°	1356.6	1411.4	1483.5	1588.4
27.5°	1297.1	1361.3	1449.0	1541.4
30°	1248.5	1301.8	1383.2	1494.4
32.5°	1192.1	1254.8	1339.4	1449.0
35°	1142.0	1195.2	1275.1	1386.4
37.5°	1082.5	1140.4	1229.7	1328.4
40°	1030.8	1087.2	1171.7	1264.2
42.5°	968.1	1027.6	1112.2	1190.5
45°	918.0	972.8	1040.2	1112.2
47.5°	856.9	914.8	980.6	1030.8
50°	802.1	855.3	907.0	949.3
52.5°	742.5	791.1	838.1	869.4
55°	687.7	725.3	762.9	784.8
57.5°	623.5	659.5	690.8	703.4
60°	567.1	596.8	617.2	631.3
62.5°	507.5	529.5	545.1	553.0
65°	449.6	465.3	473.1	480.9
67.5°	390.1	404.2	408.9	418.3
70°	327.4	343.1	346.2	350.9
72.5°	280.4	280.4	286.7	292.9
75°	224.0	227.1	230.3	230.3
77.5°	175.4	175.4	178.6	180.1
80°	128.5	130.0	130.0	128.5
82.5°	87.7	90.9	87.7	86.2
85°	48.6	54.8	51.7	51.7
87.5°	20.4	20.4	23.5	20.4
90°	3.2	2.1	1.4	0.7
92.5°	14.5	11.3	7.8	5.3
95°	23.0	17.0	13.1	12.0
97.5°	27.9	22.6	19.4	19.1
100°	33.9	29.0	26.5	26.2
102.5°	41.0	36.4	34.3	33.6
105°	48.4	44.2	42.1	41.0
107.5°	56.2	52.0	49.9	48.8
110°	64.0	60.1	58.3	57.3



TEST NUMBER: P1012340

CATALOG NUMBER: S123RDIP-B1165D365UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	71.8	67.9	66.1	65.1
115°	79.6	76.0	73.9	72.5
117.5°	86.6	83.5	81.7	79.9
120°	94.1	90.5	88.8	87.7
122.5°	101.1	97.2	95.5	94.4
125°	107.5	103.6	101.5	100.8
127.5°	113.2	109.3	106.8	105.7
130°	118.8	114.6	111.4	110.3
132.5°	124.1	118.8	115.3	113.9
135°	128.7	123.4	119.5	118.1
137.5°	133.0	127.3	123.4	122.0
140°	136.9	131.2	127.7	125.9
142.5°	140.4	135.4	131.5	130.1
145°	144.3	139.0	135.8	134.7
147.5°	147.8	143.2	140.0	139.3
150°	151.7	147.1	144.3	143.9
152.5°	155.2	151.4	148.5	148.5
155°	158.8	155.2	153.1	153.1
157.5°	162.0	158.8	157.0	156.7
160°	165.1	162.3	160.9	160.9
162.5°	167.3	165.1	164.1	164.1
165°	169.4	167.6	166.9	167.3
167.5°	171.2	169.7	169.4	169.7
170°	172.6	171.5	171.2	171.9
172.5°	173.6	172.9	172.9	173.3
175°	174.3	173.6	174.0	174.3
177.5°	174.7	174.3	174.7	175.0
180°	174.7	174.7	174.7	174.7

(END OF REPORT)