

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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: P997903

Luminaire Tested: SA2XXDIP-B1005D530UB27-4F0-XX-W2A-A4

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P997903
REPORT IS A COMBINATION OF REPORTS P983640 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXDIP-B1005D530UB27-4F0-XX-W2A-A4
Description: Define 2 Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

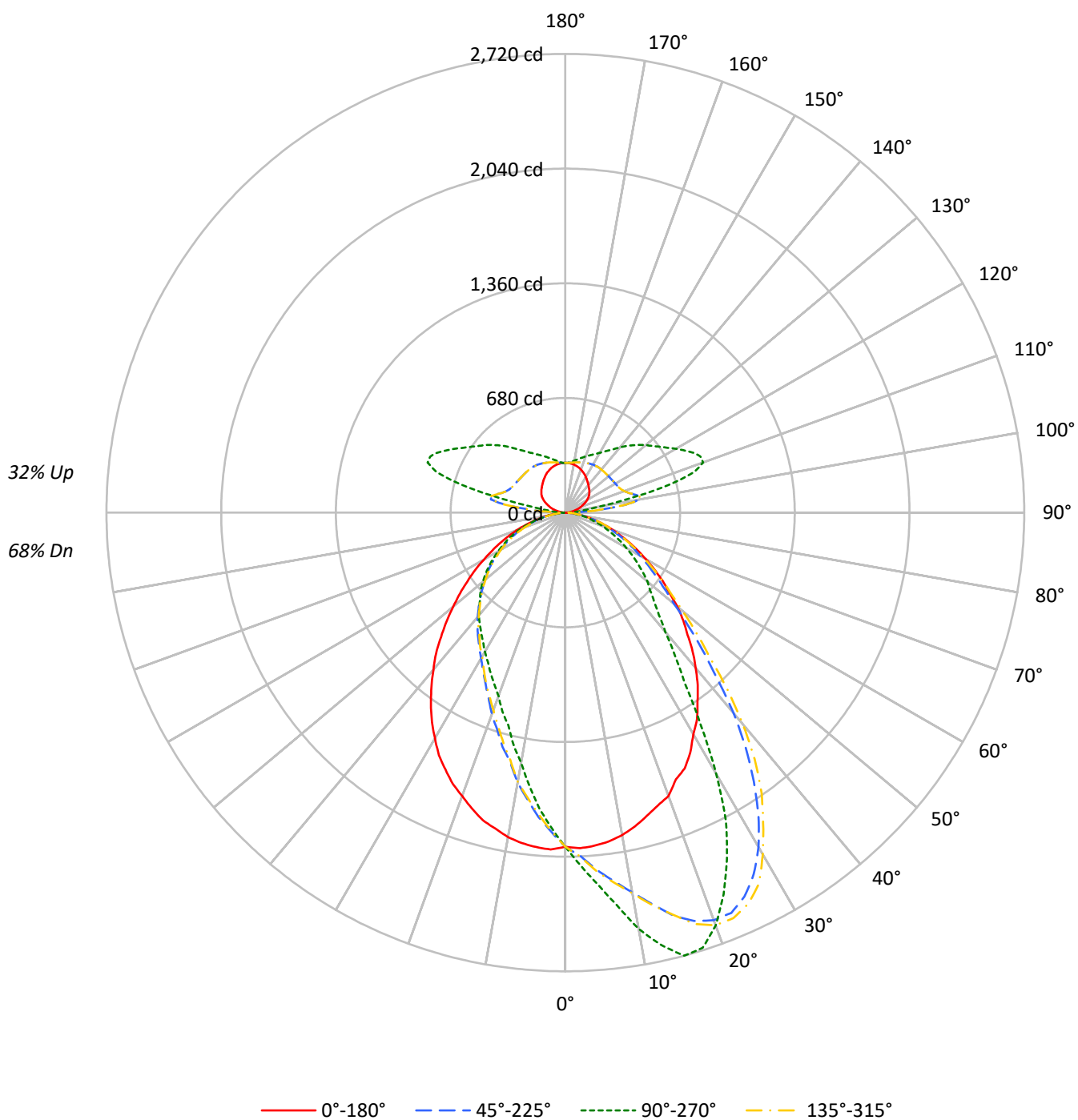
Lumens per Lamp: N/A
Luminaire Lumens: 6424.0 lumens
Efficiency: N/A
Efficacy: 83.8 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 76.7
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

TEST NUMBER: P997903

CATALOG NUMBER: SA2XXDIP-B1005D530UB27-4F0-XX-W2A-A4

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	111	111	111	111	105	105	105	105	93	93	93	83	83	83	73	73	73	63	63	63
1	102	98	95	91	97	93	90	87	83	80	78	74	72	70	65	64	63	59	58	57
2	94	87	81	76	88	82	77	72	74	69	66	66	62	60	58	56	54	50	49	48
3	86	77	70	64	81	73	66	61	65	60	56	59	55	51	52	49	47	43	42	41
4	79	69	61	55	75	65	58	53	59	53	49	53	48	45	47	44	41	38	37	36
5	73	61	53	47	69	59	51	46	53	47	42	48	43	39	43	39	36	33	32	31
6	68	56	47	42	64	53	46	40	48	42	37	43	39	35	39	35	32	30	29	28
7	63	50	43	37	59	48	41	36	44	38	33	40	35	31	36	32	29	26	25	24
8	58	46	38	33	55	44	37	32	40	34	30	37	32	28	33	29	26	24	23	22
9	55	42	35	30	52	41	34	29	37	31	27	34	29	25	31	27	24	22	21	20
10	51	39	32	27	48	37	31	26	34	29	25	31	27	23	29	25	22	20	19	18

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	31359	31359	31359	31359
5°	31436	33437	31556	26602
10°	31070	36502	31265	21932
15°	30317	38501	30739	18474
20°	29843	36150	29843	16057
25°	28892	31057	29025	14360
30°	27328	24414	27849	13007
35°	25941	16882	26375	11901
40°	24348	12746	24625	11018
45°	22382	10474	22749	10067
50°	20683	9193	20721	9215
55°	18746	7833	18868	8291
60°	16680	6542	16911	7235
65°	14831	5321	15105	6179
70°	12992	4175	13321	4983
75°	10903	3032	11328	3614
80°	8511	1922	9117	2144
85°	5594	966	6018	717

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 32417 cd/sqm

TEST NUMBER: P997903

CATALOG NUMBER: SA2XXDIP-B1005D530UB27-4F0-XX-W2A-A4

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	188.7	2.9
10°-20°	549.2	8.5
20°-30°	797.1	12.4
30°-40°	840.3	13.1
40°-50°	743.6	11.6
50°-60°	593.7	9.2
60°-70°	403.3	6.3
70°-80°	206.3	3.2
80°-90°	50.6	0.8
90°-100°	114.8	1.8
100°-110°	404.3	6.3
110°-120°	424.7	6.6
120°-130°	349.4	5.4
130°-140°	280.7	4.4
140°-150°	212.0	3.3
150°-160°	149.0	2.3
160°-170°	87.7	1.4
170°-180°	28.5	0.4
0°-30°	1535.0	23.9
0°-40°	2375.3	37.0
0°-60°	3712.6	57.8
0°-90°	4372.9	68.1
90°-120°	943.8	14.7
90°-150°	1785.8	27.8
90°-180°	2051.0	31.9
0°-180°	6424.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1981	1981	1981	1981	1981	
5°	1983	2213	1990	1760	1983	188
15°	1862	2720	1888	1305	1862	526
25°	1674	2266	1681	1048	1674	765
35°	1366	1234	1389	870	1366	855
45°	1025	743	1042	714	1025	795
55°	704	522	708	553	704	628
65°	417	321	425	373	417	415
75°	195	158	202	189	195	209
85°	40	41	43	30	40	46
90°	1	19	1	19	1	4
95°	20	65	20	65	20	20
105°	69	638	69	638	69	73
115°	122	840	122	840	122	121
125°	170	681	170	681	170	151
135°	199	565	199	565	199	154
145°	228	451	228	451	228	143
155°	259	379	259	379	259	119
165°	282	332	282	332	282	80
175°	294	300	294	300	294	28
180°	294	294	294	294	294	

TEST NUMBER: P997903

CATALOG NUMBER: SA2XXDIP-B1005D530UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1
2.5°	1991.8	1996.4	2004.0	2005.5	2020.7	2032.9	2046.6	2046.6	2051.2	2049.7	2037.5
5°	1982.7	1996.4	2016.2	2032.9	2060.3	2072.5	2090.8	2104.5	2116.7	2125.8	2124.3
7.5°	1967.4	1991.8	2020.7	2052.7	2089.3	2110.6	2136.5	2160.8	2177.6	2192.8	2203.5
10°	1941.5	1982.7	2022.3	2064.9	2112.1	2141.0	2171.5	2203.5	2229.4	2258.3	2285.7
12.5°	1906.5	1965.9	2014.6	2071.0	2128.9	2160.8	2209.6	2233.9	2284.2	2357.3	2377.1
15°	1862.4	1943.1	1988.8	2060.3	2136.5	2162.4	2229.4	2268.9	2372.5	2418.2	2473.0
17.5°	1821.2	1911.1	1972.0	2054.2	2128.9	2179.1	2244.6	2325.3	2412.1	2477.6	2538.5
20°	1787.7	1874.5	1947.6	2039.0	2133.4	2197.4	2265.9	2363.4	2457.8	2524.8	2572.0
22.5°	1711.6	1822.8	1908.0	2010.1	2124.3	2212.6	2278.1	2384.7	2486.7	2527.8	2568.9
25°	1673.5	1769.5	1868.5	1984.2	2118.2	2223.3	2279.6	2398.4	2488.2	2503.5	2512.6
27.5°	1603.5	1711.6	1827.3	1959.8	2116.7	2205.0	2276.6	2384.7	2456.2	2445.6	2418.2
30°	1516.7	1649.2	1777.1	1920.2	2095.3	2191.3	2258.3	2357.3	2393.8	2339.0	2290.3
32.5°	1452.7	1577.6	1719.2	1885.2	2071.0	2162.4	2227.8	2305.5	2313.1	2214.1	2131.9
35°	1365.9	1504.5	1664.4	1839.5	2029.9	2112.1	2173.0	2220.2	2183.7	2045.1	1947.6
37.5°	1288.3	1425.3	1595.9	1774.0	1973.5	2054.2	2103.0	2110.6	2020.7	1898.9	1755.8
40°	1203.0	1344.6	1522.8	1710.1	1911.1	1981.1	2011.6	1988.8	1859.3	1717.7	1551.7
42.5°	1117.7	1257.8	1449.7	1641.6	1831.9	1891.3	1903.5	1841.0	1682.7	1516.7	1324.8
45°	1024.8	1171.0	1362.9	1556.3	1740.5	1774.0	1775.6	1685.7	1498.4	1324.8	1146.7
47.5°	948.7	1084.2	1274.6	1468.0	1623.3	1646.1	1637.0	1533.4	1329.4	1134.5	979.1
50°	864.9	994.4	1183.2	1373.6	1506.0	1512.1	1489.3	1341.6	1142.1	963.9	840.6
52.5°	775.1	906.1	1079.7	1262.4	1381.2	1372.0	1327.9	1169.5	982.2	834.5	740.1
55°	703.5	819.3	982.2	1160.4	1244.1	1218.2	1169.5	1008.1	860.4	735.5	653.3
57.5°	624.3	726.4	886.3	1041.6	1090.3	1065.9	1017.2	866.5	729.4	635.0	580.2
60°	549.7	642.6	782.7	912.1	950.2	924.3	868.0	732.5	633.5	554.3	513.2
62.5°	481.2	561.9	679.2	797.9	813.2	787.3	738.5	628.9	543.6	481.2	450.7
65°	417.2	493.4	587.8	677.6	691.3	663.9	613.7	534.5	462.9	423.3	394.4
67.5°	354.8	415.7	499.5	565.0	572.6	546.7	505.6	441.6	397.4	354.8	333.5
70°	300.0	345.7	411.2	464.4	467.5	443.1	421.8	363.9	330.4	300.0	283.2
72.5°	246.7	278.7	328.9	368.5	370.0	354.8	335.0	298.5	269.5	248.2	231.5
75°	194.9	222.3	252.8	287.8	286.3	274.1	258.9	236.0	211.7	198.0	190.3
77.5°	149.2	166.0	190.3	213.2	213.2	207.1	198.0	181.2	166.0	152.3	144.7
80°	106.6	117.3	137.1	144.7	147.7	146.2	138.6	126.4	120.3	109.6	106.6
82.5°	68.5	76.1	85.3	92.9	97.5	94.4	92.9	86.8	77.7	74.6	71.6
85°	39.6	42.6	47.2	51.8	53.3	51.8	54.8	50.3	45.7	45.7	44.2
87.5°	16.8	18.3	21.3	21.3	22.8	22.8	21.3	22.8	22.8	21.3	19.8
90°	0.6	2.3	4.5	5.7	6.8	7.6	8.5	11.3	15.3	18.7	19.3
92.5°	8.5	11.9	16.4	19.3	23.8	26.9	30.0	45.3	66.8	86.1	87.2
95°	19.8	22.1	27.8	32.9	41.9	48.7	55.5	81.6	130.8	196.5	222.0
97.5°	29.5	32.9	39.1	46.4	56.6	64.2	71.9	105.4	173.9	279.8	361.9
100°	43.6	45.3	50.4	59.5	70.8	78.8	86.7	116.7	185.8	308.1	447.5
102.5°	56.6	57.8	62.9	71.9	83.8	91.8	99.7	126.9	186.3	297.4	450.3
105°	69.1	71.4	75.3	83.8	96.3	104.2	112.1	138.8	189.2	282.6	419.7
107.5°	82.7	84.4	88.4	96.3	108.7	116.6	124.6	150.7	195.4	274.7	391.4
110°	96.3	98.6	102.0	109.3	121.2	129.4	137.6	162.6	203.3	272.4	372.1

TEST NUMBER: P997903

CATALOG NUMBER: SA2XXDIP-B1005D530UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	108.7	111.0	115.0	121.8	133.1	141.6	150.1	173.9	211.8	273.0	359.7
115°	121.8	124.6	128.0	134.8	146.1	153.8	161.4	185.8	220.3	275.3	351.2
117.5°	135.4	137.6	141.0	147.3	158.0	166.0	173.9	196.5	229.4	278.7	346.6
120°	147.8	150.1	153.5	158.6	169.9	177.9	185.8	207.9	238.5	282.1	342.7
122.5°	159.7	161.4	164.8	170.5	181.8	190.0	198.2	218.6	246.4	286.0	340.4
125°	169.9	171.6	175.0	181.8	193.1	201.0	209.0	229.4	254.9	290.0	337.6
127.5°	178.4	180.7	185.2	192.6	203.3	211.6	219.8	239.6	262.8	294.0	335.9
130°	185.8	188.0	193.7	201.6	213.0	220.9	228.8	248.7	270.2	298.5	334.7
132.5°	192.6	195.4	201.6	210.1	222.0	230.0	237.9	256.6	277.5	303.0	334.2
135°	199.4	201.6	208.4	216.9	230.0	237.9	245.8	263.9	283.8	306.4	333.6
137.5°	205.6	208.4	215.2	224.3	237.3	244.6	252.0	270.2	288.9	309.8	333.6
140°	213.0	215.2	222.0	231.1	243.6	251.0	258.3	275.3	292.8	312.1	333.0
142.5°	220.3	222.0	228.3	237.3	249.2	256.0	262.8	279.2	296.2	313.8	333.0
145°	227.7	230.0	235.6	244.1	255.4	261.6	267.9	283.2	299.1	314.9	331.9
147.5°	235.6	237.3	243.0	250.9	260.5	266.2	271.9	286.6	300.8	315.5	330.2
150°	243.6	245.3	249.8	257.1	265.6	270.7	275.8	288.9	301.9	314.9	328.5
152.5°	251.5	252.0	256.6	262.8	270.7	275.2	279.8	291.1	302.5	313.8	325.7
155°	258.8	259.4	262.8	269.0	275.3	279.6	283.8	293.4	303.0	312.7	322.3
157.5°	265.1	265.6	268.5	274.1	279.2	282.9	286.6	295.1	303.0	310.4	318.9
160°	271.3	271.9	274.1	278.7	283.2	286.3	289.4	296.2	303.0	308.7	315.5
162.5°	277.5	277.0	279.2	282.6	286.6	288.8	291.1	296.8	302.5	307.0	312.7
165°	282.1	281.5	282.6	286.0	288.9	290.6	292.3	297.4	301.3	304.7	308.7
167.5°	286.0	285.5	286.6	288.9	291.1	292.2	293.4	297.4	300.8	302.5	305.3
170°	290.0	288.9	289.4	291.1	292.3	293.2	294.0	296.8	299.6	300.8	302.5
172.5°	292.3	291.7	291.1	292.8	293.4	294.0	294.5	296.2	297.9	298.5	299.1
175°	294.0	293.4	292.8	294.0	294.0	294.2	294.5	295.7	296.8	296.2	296.8
177.5°	295.1	294.0	293.4	294.5	294.5	294.5	294.5	295.1	296.2	295.1	294.5
180°	294.5	294.5	294.5	294.5	294.5	294.5	294.5	294.5	294.5	294.5	294.5

TEST NUMBER: P997903

CATALOG NUMBER: SA2XXDIP-B1005D530UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1
2.5°	2058.8	2060.3	2063.4	2078.6	2086.2	2087.7	2081.6	2095.3	2099.9	2095.3	2092.3
5°	2156.3	2165.4	2183.7	2203.5	2201.9	2203.5	2212.6	2221.7	2224.8	2212.6	2217.2
7.5°	2241.5	2259.8	2279.6	2310.1	2310.1	2325.3	2331.4	2339.0	2357.3	2348.1	2345.1
10°	2339.0	2363.4	2399.9	2448.6	2450.2	2465.4	2480.6	2505.0	2512.6	2506.5	2509.5
12.5°	2460.8	2508.0	2511.1	2564.4	2588.7	2591.8	2616.1	2611.6	2626.8	2626.8	2652.7
15°	2514.1	2587.2	2628.3	2680.1	2695.3	2677.1	2696.8	2718.2	2719.7	2719.7	2718.2
17.5°	2610.1	2639.0	2680.1	2707.5	2713.6	2713.6	2715.1	2724.3	2718.2	2706.0	2715.1
20°	2629.8	2642.0	2657.3	2654.2	2657.3	2642.0	2626.8	2611.6	2613.1	2605.5	2628.3
22.5°	2593.3	2590.3	2555.2	2532.4	2532.4	2501.9	2473.0	2459.3	2445.6	2450.2	2457.8
25°	2501.9	2454.7	2412.1	2378.6	2371.0	2322.2	2282.7	2270.5	2247.6	2265.9	2268.9
27.5°	2355.7	2302.4	2233.9	2205.0	2165.4	2145.6	2118.2	2081.6	2034.4	2061.8	2057.3
30°	2198.9	2119.7	2063.4	1993.3	1930.9	1926.3	1874.5	1813.6	1789.3	1789.3	1803.0
32.5°	2023.8	1918.7	1836.5	1737.5	1676.6	1650.7	1588.3	1527.4	1541.1	1495.4	1512.1
35°	1819.7	1681.2	1577.6	1481.7	1436.0	1405.5	1324.8	1291.3	1254.8	1233.5	1273.0
37.5°	1624.8	1464.9	1332.4	1227.4	1210.6	1155.8	1101.0	1079.7	1058.3	1067.5	1065.9
40°	1387.3	1245.6	1126.9	1044.6	1015.7	989.8	953.3	927.4	913.7	921.3	922.8
42.5°	1172.5	1053.8	965.4	907.6	883.2	864.9	846.7	825.3	820.8	820.8	826.9
45°	1006.6	909.1	849.7	802.5	788.8	775.1	761.4	752.3	749.2	743.1	747.7
47.5°	874.1	796.4	759.9	724.8	709.6	706.6	694.4	689.8	683.7	682.2	683.7
50°	762.9	714.2	680.7	660.9	650.2	645.7	639.6	630.4	627.4	635.0	632.0
52.5°	685.3	639.6	621.3	601.5	595.4	589.3	580.2	581.7	580.2	577.1	577.1
55°	607.6	578.7	560.4	545.2	543.6	537.5	529.9	526.9	525.4	522.3	526.9
57.5°	545.2	522.3	505.6	491.9	485.8	485.8	478.2	472.1	472.1	470.5	472.1
60°	482.7	459.9	449.2	435.5	430.9	429.4	424.9	421.8	417.2	417.2	417.2
62.5°	424.9	406.6	394.4	382.2	383.7	376.1	370.0	367.0	367.0	368.5	368.5
65°	370.0	357.9	342.6	332.0	328.9	327.4	324.4	322.8	318.3	321.3	321.3
67.5°	319.8	303.0	293.9	289.3	284.8	283.2	280.2	277.1	275.6	274.1	277.1
70°	269.5	255.8	248.2	245.2	240.6	239.1	237.6	233.0	234.5	236.0	237.6
72.5°	223.8	211.7	210.1	201.0	201.0	201.0	194.9	198.0	196.4	193.4	196.4
75°	176.6	170.6	167.5	162.9	164.5	162.9	161.4	156.8	156.8	158.4	159.9
77.5°	140.1	134.0	132.5	127.9	124.9	127.9	124.9	123.3	123.3	124.9	124.9
80°	103.5	100.5	95.9	95.9	95.9	94.4	94.4	94.4	92.9	91.4	92.9
82.5°	68.5	68.5	67.0	65.5	67.0	64.0	65.5	65.5	65.5	65.5	65.5
85°	44.2	42.6	42.6	41.1	41.1	41.1	42.6	39.6	39.6	41.1	41.1
87.5°	19.8	19.8	19.8	21.3	19.8	19.8	19.8	21.3	19.8	19.8	19.8
90°	18.7	18.1	17.0	18.1	18.4	18.7	18.7	18.7	18.7	18.7	18.7
92.5°	73.1	57.2	48.7	42.5	40.2	37.9	37.4	35.1	35.7	34.6	35.7
95°	194.3	148.4	113.8	90.1	83.8	77.6	70.2	65.7	64.0	64.6	64.0
97.5°	364.8	303.6	242.4	185.2	168.2	151.2	129.1	117.8	111.6	108.2	111.6
100°	529.0	517.1	446.9	369.3	335.0	300.8	253.7	229.4	213.0	202.8	213.0
102.5°	590.2	657.0	654.8	603.2	566.4	529.6	477.5	431.6	410.1	395.3	410.1
105°	570.4	688.2	752.2	759.5	750.2	740.9	705.7	670.6	646.3	638.3	646.3
107.5°	528.5	654.8	749.9	805.4	816.8	828.1	827.5	822.4	815.1	802.0	815.1
110°	489.4	608.9	710.3	782.8	806.0	829.2	853.6	864.3	869.4	868.9	869.4

TEST NUMBER: P997903

CATALOG NUMBER: SA2XXDIP-B1005D530UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	462.2	567.0	663.3	742.0	769.4	796.9	833.2	853.0	863.8	867.7	863.8
115°	440.7	534.1	621.3	695.5	724.7	753.9	794.1	820.1	834.9	840.0	834.9
117.5°	425.9	506.9	585.1	654.2	682.0	709.7	751.0	778.8	794.1	798.1	794.1
120°	414.6	487.7	557.9	617.9	643.7	669.5	709.1	735.8	752.2	757.8	752.2
122.5°	405.0	472.4	535.2	591.3	614.0	636.6	671.2	697.2	711.4	715.9	711.4
125°	395.9	457.7	516.0	565.8	587.0	608.3	641.2	662.7	676.9	681.4	676.9
127.5°	387.4	442.9	496.7	544.3	564.2	584.0	612.8	633.2	645.7	649.1	645.7
130°	378.9	428.8	477.5	522.2	540.9	559.6	587.4	606.6	617.9	622.5	617.9
132.5°	372.1	415.2	459.4	499.6	516.8	534.1	561.3	580.6	590.8	594.7	590.8
135°	365.9	402.7	440.1	477.5	493.4	509.2	533.6	552.2	562.4	564.7	562.4
137.5°	361.4	392.5	424.8	455.4	469.6	483.7	506.9	523.4	532.4	535.8	532.4
140°	357.4	382.9	410.1	436.1	448.6	461.1	479.2	493.9	502.4	505.8	502.4
142.5°	353.4	375.0	397.0	418.6	428.5	438.4	455.4	468.4	475.8	475.8	475.8
145°	350.0	367.6	386.3	403.8	412.0	420.3	433.9	443.5	449.2	450.9	449.2
147.5°	346.6	361.9	377.2	391.4	397.6	403.8	415.7	423.7	427.6	428.8	427.6
150°	342.1	355.7	368.2	380.1	385.2	390.3	398.7	405.5	408.9	409.5	408.9
152.5°	338.1	349.5	360.8	370.4	374.6	378.9	385.2	390.8	393.1	393.1	393.1
155°	333.0	343.8	352.9	361.4	364.5	367.6	373.8	377.8	380.1	378.9	380.1
157.5°	328.5	337.0	344.9	352.3	354.8	357.4	361.9	365.3	366.5	366.5	366.5
160°	323.4	330.8	337.0	343.2	345.2	347.2	351.2	354.0	354.6	354.6	354.6
162.5°	318.9	324.5	329.6	334.7	336.2	337.6	341.5	343.2	343.8	343.2	343.8
165°	313.8	318.3	322.3	326.2	327.4	328.5	330.8	333.0	333.0	332.5	333.0
167.5°	308.7	312.1	315.5	318.3	319.5	320.6	321.7	322.8	322.8	322.3	322.8
170°	304.7	307.6	309.3	311.5	312.1	312.7	313.2	314.9	314.4	313.2	314.4
172.5°	300.8	302.5	303.6	305.3	305.6	305.9	306.4	307.0	306.4	305.9	306.4
175°	297.4	299.1	299.6	300.2	300.5	300.8	300.8	301.3	300.8	299.6	300.8
177.5°	295.1	296.2	296.2	296.8	296.8	296.8	296.8	296.8	296.2	295.1	296.2
180°	294.5	294.5	294.5	294.5	294.5	294.5	294.5	294.5	294.5	294.5	294.5

TEST NUMBER: P997903

CATALOG NUMBER: SA2XXDIP-B1005D530UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1
2.5°	2099.9	2089.3	2080.1	2081.6	2089.3	2083.2	2067.9	2048.1	2040.5	2031.4	2040.5
5°	2226.3	2217.2	2198.9	2200.4	2195.9	2189.8	2165.4	2134.9	2134.9	2110.6	2107.5
7.5°	2351.2	2337.5	2325.3	2322.2	2305.5	2293.3	2272.0	2229.4	2212.6	2183.7	2166.9
10°	2491.3	2480.6	2466.9	2450.2	2441.0	2419.7	2384.7	2322.2	2291.8	2252.2	2223.3
12.5°	2632.9	2631.4	2600.9	2567.4	2565.9	2532.4	2508.0	2424.3	2383.2	2329.9	2261.3
15°	2722.7	2715.1	2698.4	2681.6	2686.2	2649.6	2594.8	2495.8	2468.4	2404.5	2331.4
17.5°	2721.2	2721.2	2716.6	2713.6	2709.0	2698.4	2667.9	2602.4	2558.3	2477.6	2409.0
20°	2634.4	2654.2	2658.8	2657.3	2672.5	2680.1	2678.6	2637.5	2602.4	2530.9	2460.8
22.5°	2460.8	2506.5	2526.3	2538.5	2570.5	2587.2	2626.8	2611.6	2602.4	2549.1	2489.8
25°	2299.4	2314.6	2374.0	2377.1	2421.2	2462.3	2501.9	2527.8	2561.3	2541.5	2491.3
27.5°	2090.8	2125.8	2168.4	2200.4	2209.6	2293.3	2358.8	2407.5	2483.7	2489.8	2473.0
30°	1854.7	1871.5	1941.5	1984.2	2032.9	2093.8	2188.2	2272.0	2340.5	2403.0	2424.3
32.5°	1566.9	1635.5	1676.6	1728.4	1771.0	1879.1	1994.8	2103.0	2182.1	2287.2	2332.9
35°	1303.5	1356.8	1426.8	1448.2	1525.8	1617.2	1768.0	1906.5	2026.8	2133.4	2226.3
37.5°	1085.7	1128.4	1203.0	1236.5	1282.2	1399.4	1525.8	1697.9	1842.6	1973.5	2089.3
40°	936.5	968.5	1024.8	1035.5	1073.6	1180.2	1282.2	1443.6	1635.5	1812.1	1938.5
42.5°	834.5	849.7	887.8	901.5	925.9	997.4	1088.8	1241.1	1419.2	1602.0	1780.1
45°	761.4	772.1	794.9	807.1	837.5	869.5	944.1	1065.9	1206.0	1390.3	1582.2
47.5°	695.9	709.6	718.8	726.4	743.1	778.1	826.9	916.7	1050.7	1219.7	1405.5
50°	641.1	645.7	662.4	663.9	674.6	697.4	743.1	797.9	904.5	1041.6	1221.3
52.5°	586.3	590.8	601.5	612.2	616.7	635.0	665.5	711.1	790.3	898.4	1058.3
55°	531.5	537.5	548.2	555.8	560.4	575.6	593.9	638.0	700.5	776.6	907.6
57.5°	476.6	490.3	493.4	498.0	505.6	522.3	539.1	565.0	613.7	683.7	779.7
60°	424.9	429.4	440.1	444.7	452.3	461.4	482.7	502.5	537.5	592.4	679.2
62.5°	371.6	382.2	386.8	391.4	397.4	408.1	421.8	443.1	473.6	517.7	586.3
65°	325.9	327.4	336.5	342.6	348.7	356.3	370.0	389.8	408.1	449.2	499.5
67.5°	281.7	284.8	287.8	293.9	301.5	309.1	321.3	332.0	354.8	382.2	421.8
70°	239.1	239.1	246.7	251.3	249.7	258.9	268.0	280.2	296.9	322.8	354.8
72.5°	201.0	199.5	205.6	207.1	210.1	216.2	222.3	234.5	243.6	263.4	287.8
75°	159.9	162.9	166.0	166.0	170.6	175.1	181.2	187.3	198.0	210.1	228.4
77.5°	126.4	126.4	129.4	131.0	135.5	134.0	140.1	146.2	153.8	164.5	178.2
80°	92.9	95.9	95.9	95.9	97.5	99.0	105.1	109.6	114.2	121.8	127.9
82.5°	65.5	65.5	68.5	68.5	68.5	71.6	71.6	73.1	76.1	80.7	85.3
85°	41.1	41.1	41.1	42.6	41.1	42.6	45.7	44.2	45.7	48.7	48.7
87.5°	19.8	19.8	19.8	19.8	19.8	21.3	19.8	21.3	22.8	22.8	22.8
90°	18.7	18.7	18.7	18.4	18.1	17.0	18.1	18.7	19.3	18.7	15.3
92.5°	35.1	37.4	37.9	40.2	42.5	48.7	57.2	73.1	87.2	86.1	66.8
95°	65.7	70.2	77.6	83.8	90.1	113.8	148.4	194.3	222.0	196.5	130.8
97.5°	117.8	129.1	151.2	168.2	185.2	242.4	303.6	364.8	361.9	279.8	173.9
100°	229.4	253.7	300.8	335.0	369.3	446.9	517.1	529.0	447.5	308.1	185.8
102.5°	431.6	477.5	529.6	566.4	603.2	654.8	657.0	590.2	450.3	297.4	186.3
105°	670.6	705.7	740.9	750.2	759.5	752.2	688.2	570.4	419.7	282.6	189.2
107.5°	822.4	827.5	828.1	816.8	805.4	749.9	654.8	528.5	391.4	274.7	195.4
110°	864.3	853.6	829.2	806.0	782.8	710.3	608.9	489.4	372.1	272.4	203.3

TEST NUMBER: P997903

CATALOG NUMBER: SA2XXDIP-B1005D530UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	853.0	833.2	796.9	769.4	742.0	663.3	567.0	462.2	359.7	273.0	211.8
115°	820.1	794.1	753.9	724.7	695.5	621.3	534.1	440.7	351.2	275.3	220.3
117.5°	778.8	751.0	709.7	682.0	654.2	585.1	506.9	425.9	346.6	278.7	229.4
120°	735.8	709.1	669.5	643.7	617.9	557.9	487.7	414.6	342.7	282.1	238.5
122.5°	697.2	671.2	636.6	614.0	591.3	535.2	472.4	405.0	340.4	286.0	246.4
125°	662.7	641.2	608.3	587.0	565.8	516.0	457.7	395.9	337.6	290.0	254.9
127.5°	633.2	612.8	584.0	564.2	544.3	496.7	442.9	387.4	335.9	294.0	262.8
130°	606.6	587.4	559.6	540.9	522.2	477.5	428.8	378.9	334.7	298.5	270.2
132.5°	580.6	561.3	534.1	516.8	499.6	459.4	415.2	372.1	334.2	303.0	277.5
135°	552.2	533.6	509.2	493.4	477.5	440.1	402.7	365.9	333.6	306.4	283.8
137.5°	523.4	506.9	483.7	469.6	455.4	424.8	392.5	361.4	333.6	309.8	288.9
140°	493.9	479.2	461.1	448.6	436.1	410.1	382.9	357.4	333.0	312.1	292.8
142.5°	468.4	455.4	438.4	428.5	418.6	397.0	375.0	353.4	333.0	313.8	296.2
145°	443.5	433.9	420.3	412.0	403.8	386.3	367.6	350.0	331.9	314.9	299.1
147.5°	423.7	415.7	403.8	397.6	391.4	377.2	361.9	346.6	330.2	315.5	300.8
150°	405.5	398.7	390.3	385.2	380.1	368.2	355.7	342.1	328.5	314.9	301.9
152.5°	390.8	385.2	378.9	374.6	370.4	360.8	349.5	338.1	325.7	313.8	302.5
155°	377.8	373.8	367.6	364.5	361.4	352.9	343.8	333.0	322.3	312.7	303.0
157.5°	365.3	361.9	357.4	354.8	352.3	344.9	337.0	328.5	318.9	310.4	303.0
160°	354.0	351.2	347.2	345.2	343.2	337.0	330.8	323.4	315.5	308.7	303.0
162.5°	343.2	341.5	337.6	336.2	334.7	329.6	324.5	318.9	312.7	307.0	302.5
165°	333.0	330.8	328.5	327.4	326.2	322.3	318.3	313.8	308.7	304.7	301.3
167.5°	322.8	321.7	320.6	319.5	318.3	315.5	312.1	308.7	305.3	302.5	300.8
170°	314.9	313.2	312.7	312.1	311.5	309.3	307.6	304.7	302.5	300.8	299.6
172.5°	307.0	306.4	305.9	305.6	305.3	303.6	302.5	300.8	299.1	298.5	297.9
175°	301.3	300.8	300.8	300.5	300.2	299.6	299.1	297.4	296.8	296.2	296.8
177.5°	296.8	296.8	296.8	296.8	296.8	296.2	296.2	295.1	294.5	295.1	296.2
180°	294.5	294.5	294.5	294.5	294.5	294.5	294.5	294.5	294.5	294.5	294.5

TEST NUMBER: P997903

CATALOG NUMBER: SA2XXDIP-B1005D530UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1
2.5°	2032.9	2025.3	2020.7	2023.8	2014.6	1991.8	1991.8	1999.4	1990.3	1981.1	1967.4
5°	2089.3	2074.0	2064.9	2063.4	2042.1	2005.5	1997.9	1990.3	1970.5	1949.2	1926.3
7.5°	2144.1	2116.7	2101.4	2090.8	2060.3	2013.1	1993.3	1976.6	1944.6	1912.6	1883.7
10°	2189.8	2150.2	2131.9	2115.1	2075.6	2016.2	1984.2	1953.7	1912.6	1871.5	1835.0
12.5°	2226.3	2180.6	2157.8	2133.4	2084.7	2007.0	1967.4	1918.7	1877.6	1822.8	1786.2
15°	2287.2	2192.8	2171.5	2148.6	2098.4	1991.8	1943.1	1888.3	1831.9	1758.8	1719.2
17.5°	2335.9	2209.6	2208.0	2159.3	2093.8	1985.7	1911.1	1839.5	1778.6	1705.5	1643.1
20°	2364.9	2235.4	2211.1	2160.8	2078.6	1944.6	1866.9	1787.7	1722.3	1633.9	1571.5
22.5°	2389.2	2272.0	2208.0	2147.1	2046.6	1930.9	1816.7	1742.1	1652.2	1556.3	1496.9
25°	2398.4	2279.6	2212.6	2142.6	2023.8	1891.3	1761.9	1681.2	1580.6	1493.9	1413.1
27.5°	2399.9	2278.1	2195.9	2122.8	1991.8	1839.5	1707.0	1621.8	1510.6	1410.1	1329.4
30°	2384.7	2261.3	2186.7	2107.5	1961.3	1792.3	1640.0	1545.6	1426.8	1326.3	1242.6
32.5°	2339.0	2227.8	2166.9	2080.1	1921.8	1726.8	1576.1	1471.0	1346.1	1247.2	1166.5
35°	2262.9	2186.7	2119.7	2039.0	1870.0	1665.9	1512.1	1388.8	1262.4	1168.0	1091.8
37.5°	2168.4	2127.3	2064.9	1985.7	1810.6	1611.1	1440.6	1303.5	1177.1	1085.7	1011.1
40°	2040.5	2051.2	1990.3	1918.7	1740.5	1536.5	1347.7	1216.7	1097.9	1012.7	939.6
42.5°	1902.0	1946.1	1911.1	1842.6	1662.9	1454.3	1279.1	1134.5	1018.7	930.4	869.5
45°	1752.7	1828.9	1807.5	1757.3	1582.2	1367.5	1181.7	1041.6	939.6	854.3	801.0
47.5°	1589.8	1697.9	1697.9	1661.4	1492.3	1280.7	1097.9	954.8	854.3	793.4	741.6
50°	1423.8	1545.6	1565.4	1541.1	1391.8	1181.7	995.9	866.5	779.7	720.3	682.2
52.5°	1250.2	1391.8	1428.4	1416.2	1285.2	1087.3	912.1	785.8	706.6	654.8	621.3
55°	1084.2	1248.7	1288.3	1292.8	1171.0	983.7	819.3	708.1	632.0	596.9	568.0
57.5°	927.4	1085.7	1129.9	1137.5	1055.3	889.3	732.5	635.0	566.5	537.5	514.7
60°	793.4	925.9	983.7	1000.5	928.9	779.7	651.8	557.3	505.6	478.2	456.8
62.5°	683.7	790.3	851.2	855.8	823.8	683.7	568.0	488.8	444.7	420.3	409.6
65°	577.1	673.1	709.6	727.9	702.0	592.4	490.3	424.9	389.8	368.5	357.9
67.5°	491.9	552.8	583.2	607.6	581.7	499.5	417.2	363.9	338.1	316.7	310.6
70°	403.5	453.8	476.6	501.0	478.2	415.7	356.3	307.6	284.8	268.0	260.4
72.5°	322.8	362.4	383.7	399.0	385.3	333.5	284.8	251.3	234.5	222.3	217.8
75°	255.8	283.2	295.4	306.1	300.0	260.4	229.9	202.5	187.3	176.6	173.6
77.5°	194.9	214.7	228.4	231.5	223.8	198.0	172.1	155.3	143.1	137.1	134.0
80°	138.6	150.8	158.4	162.9	155.3	144.7	126.4	114.2	103.5	95.9	94.4
82.5°	92.9	99.0	105.1	103.5	100.5	91.4	80.7	74.6	70.0	64.0	64.0
85°	53.3	54.8	57.9	59.4	57.9	51.8	45.7	42.6	39.6	35.0	35.0
87.5°	22.8	24.4	24.4	25.9	22.8	22.8	19.8	16.8	16.8	15.2	13.7
90°	11.3	8.5	7.6	6.8	5.7	4.5	2.3	0.6	2.3	4.5	5.7
92.5°	45.3	30.0	26.9	23.8	19.3	16.4	11.9	8.5	11.9	16.4	19.3
95°	81.6	55.5	48.7	41.9	32.9	27.8	22.1	19.8	22.1	27.8	32.9
97.5°	105.4	71.9	64.2	56.6	46.4	39.1	32.9	29.5	32.9	39.1	46.4
100°	116.7	86.7	78.8	70.8	59.5	50.4	45.3	43.6	45.3	50.4	59.5
102.5°	126.9	99.7	91.8	83.8	71.9	62.9	57.8	56.6	57.8	62.9	71.9
105°	138.8	112.1	104.2	96.3	83.8	75.3	71.4	69.1	71.4	75.3	83.8
107.5°	150.7	124.6	116.6	108.7	96.3	88.4	84.4	82.7	84.4	88.4	96.3
110°	162.6	137.6	129.4	121.2	109.3	102.0	98.6	96.3	98.6	102.0	109.3

TEST NUMBER: P997903

CATALOG NUMBER: SA2XXDIP-B1005D530UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	173.9	150.1	141.6	133.1	121.8	115.0	111.0	108.7	111.0	115.0	121.8
115°	185.8	161.4	153.8	146.1	134.8	128.0	124.6	121.8	124.6	128.0	134.8
117.5°	196.5	173.9	166.0	158.0	147.3	141.0	137.6	135.4	137.6	141.0	147.3
120°	207.9	185.8	177.9	169.9	158.6	153.5	150.1	147.8	150.1	153.5	158.6
122.5°	218.6	198.2	190.0	181.8	170.5	164.8	161.4	159.7	161.4	164.8	170.5
125°	229.4	209.0	201.0	193.1	181.8	175.0	171.6	169.9	171.6	175.0	181.8
127.5°	239.6	219.8	211.6	203.3	192.6	185.2	180.7	178.4	180.7	185.2	192.6
130°	248.7	228.8	220.9	213.0	201.6	193.7	188.0	185.8	188.0	193.7	201.6
132.5°	256.6	237.9	230.0	222.0	210.1	201.6	195.4	192.6	195.4	201.6	210.1
135°	263.9	245.8	237.9	230.0	216.9	208.4	201.6	199.4	201.6	208.4	216.9
137.5°	270.2	252.0	244.6	237.3	224.3	215.2	208.4	205.6	208.4	215.2	224.3
140°	275.3	258.3	251.0	243.6	231.1	222.0	215.2	213.0	215.2	222.0	231.1
142.5°	279.2	262.8	256.0	249.2	237.3	228.3	222.0	220.3	222.0	228.3	237.3
145°	283.2	267.9	261.6	255.4	244.1	235.6	230.0	227.7	230.0	235.6	244.1
147.5°	286.6	271.9	266.2	260.5	250.9	243.0	237.3	235.6	237.3	243.0	250.9
150°	288.9	275.8	270.7	265.6	257.1	249.8	245.3	243.6	245.3	249.8	257.1
152.5°	291.1	279.8	275.2	270.7	262.8	256.6	252.0	251.5	252.0	256.6	262.8
155°	293.4	283.8	279.6	275.3	269.0	262.8	259.4	258.8	259.4	262.8	269.0
157.5°	295.1	286.6	282.9	279.2	274.1	268.5	265.6	265.1	265.6	268.5	274.1
160°	296.2	289.4	286.3	283.2	278.7	274.1	271.9	271.3	271.9	274.1	278.7
162.5°	296.8	291.1	288.8	286.6	282.6	279.2	277.0	277.5	277.0	279.2	282.6
165°	297.4	292.3	290.6	288.9	286.0	282.6	281.5	282.1	281.5	282.6	286.0
167.5°	297.4	293.4	292.2	291.1	288.9	286.6	285.5	286.0	285.5	286.6	288.9
170°	296.8	294.0	293.2	292.3	291.1	289.4	288.9	290.0	288.9	289.4	291.1
172.5°	296.2	294.5	294.0	293.4	292.8	291.1	291.7	292.3	291.7	291.1	292.8
175°	295.7	294.5	294.2	294.0	294.0	292.8	293.4	294.0	293.4	292.8	294.0
177.5°	295.1	294.5	294.5	294.5	294.5	293.4	294.0	295.1	294.0	293.4	294.5
180°	294.5	294.5	294.5	294.5	294.5	294.5	294.5	294.5	294.5	294.5	294.5

TEST NUMBER: P997903

CATALOG NUMBER: SA2XXDIP-B1005D530UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1
2.5°	1959.8	1967.4	1965.9	1950.7	1933.9	1920.2	1894.3	1897.4	1888.3	1889.8	1898.9
5°	1911.1	1911.1	1905.0	1883.7	1856.3	1841.0	1812.1	1804.5	1786.2	1784.7	1783.2
7.5°	1859.3	1851.7	1844.1	1813.6	1780.1	1755.8	1716.2	1707.0	1688.8	1676.6	1670.5
10°	1798.4	1787.7	1772.5	1737.5	1696.4	1665.9	1624.8	1612.6	1577.6	1562.4	1553.2
12.5°	1731.4	1725.3	1700.9	1672.0	1605.0	1571.5	1512.1	1524.3	1489.3	1458.8	1454.3
15°	1664.4	1641.6	1627.9	1580.6	1499.9	1484.7	1437.5	1413.1	1381.2	1356.8	1356.8
17.5°	1598.9	1563.9	1533.4	1483.2	1423.8	1381.2	1346.1	1334.0	1294.4	1270.0	1265.4
20°	1512.1	1472.5	1464.9	1393.3	1352.2	1305.0	1271.5	1241.1	1212.1	1201.5	1193.9
22.5°	1429.9	1384.2	1372.0	1311.1	1270.0	1222.8	1189.3	1168.0	1146.7	1139.0	1125.3
25°	1341.6	1314.2	1295.9	1230.4	1184.7	1140.6	1117.7	1102.5	1082.7	1081.2	1072.0
27.5°	1256.3	1230.4	1212.1	1149.7	1116.2	1075.1	1056.8	1040.1	1029.4	1024.8	1020.3
30°	1183.2	1154.3	1133.0	1087.3	1046.2	1012.7	997.4	986.8	980.7	973.1	971.5
32.5°	1102.5	1085.7	1056.8	1021.8	989.8	957.8	948.7	941.1	931.9	928.9	927.4
35°	1034.0	1011.1	992.9	953.3	939.6	912.1	901.5	895.4	883.2	880.2	877.1
37.5°	967.0	945.6	925.9	901.5	875.6	860.4	854.3	845.1	839.1	840.6	837.5
40°	900.0	883.2	868.0	842.1	826.9	819.3	807.1	797.9	794.9	796.4	794.9
42.5°	834.5	819.3	810.1	790.3	775.1	767.5	759.9	750.7	755.3	755.3	759.9
45°	775.1	761.4	755.3	740.1	730.9	718.8	711.1	709.6	715.7	714.2	714.2
47.5°	714.2	709.6	702.0	688.3	676.1	668.5	667.0	667.0	673.1	676.1	674.6
50°	667.0	657.8	648.7	638.0	628.9	625.9	621.3	624.3	630.4	630.4	633.5
52.5°	607.6	601.5	598.5	589.3	583.2	583.2	583.2	584.7	589.3	593.9	592.4
55°	555.8	551.2	548.2	543.6	536.0	537.5	536.0	539.1	543.6	548.2	551.2
57.5°	501.0	499.5	496.4	488.8	488.8	487.3	491.9	493.4	501.0	504.0	508.6
60°	452.3	447.7	447.7	441.6	441.6	441.6	446.2	450.7	456.8	458.4	461.4
62.5°	400.5	400.5	399.0	394.4	394.4	399.0	400.5	406.6	409.6	409.6	414.2
65°	351.8	350.2	348.7	350.2	351.8	351.8	356.3	359.4	362.4	363.9	365.5
67.5°	303.0	301.5	304.6	303.0	306.1	312.2	310.6	315.2	319.8	319.8	321.3
70°	257.4	260.4	258.9	261.9	260.4	263.4	268.0	269.5	269.5	271.1	275.6
72.5°	214.7	214.7	214.7	213.2	214.7	217.8	220.8	222.3	225.4	226.9	231.5
75°	173.6	173.6	170.6	173.6	173.6	176.6	179.7	179.7	179.7	182.7	187.3
77.5°	131.0	132.5	131.0	134.0	134.0	135.5	138.6	137.1	140.1	141.6	143.1
80°	95.9	94.4	94.4	94.4	95.9	95.9	99.0	100.5	100.5	105.1	102.0
82.5°	60.9	62.4	60.9	62.4	62.4	64.0	62.4	64.0	65.5	68.5	67.0
85°	35.0	33.5	33.5	35.0	33.5	33.5	35.0	33.5	35.0	33.5	35.0
87.5°	13.7	12.2	12.2	12.2	12.2	10.7	10.7	9.1	9.1	9.1	7.6
90°	6.8	7.6	8.5	11.3	15.3	18.7	19.3	18.7	18.1	17.0	18.1
92.5°	23.8	26.9	30.0	45.3	66.8	86.1	87.2	73.1	57.2	48.7	42.5
95°	41.9	48.7	55.5	81.6	130.8	196.5	222.0	194.3	148.4	113.8	90.1
97.5°	56.6	64.2	71.9	105.4	173.9	279.8	361.9	364.8	303.6	242.4	185.2
100°	70.8	78.8	86.7	116.7	185.8	308.1	447.5	529.0	517.1	446.9	369.3
102.5°	83.8	91.8	99.7	126.9	186.3	297.4	450.3	590.2	657.0	654.8	603.2
105°	96.3	104.2	112.1	138.8	189.2	282.6	419.7	570.4	688.2	752.2	759.5
107.5°	108.7	116.6	124.6	150.7	195.4	274.7	391.4	528.5	654.8	749.9	805.4
110°	121.2	129.4	137.6	162.6	203.3	272.4	372.1	489.4	608.9	710.3	782.8

TEST NUMBER: P997903

CATALOG NUMBER: SA2XXDIP-B1005D530UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	133.1	141.6	150.1	173.9	211.8	273.0	359.7	462.2	567.0	663.3	742.0
115°	146.1	153.8	161.4	185.8	220.3	275.3	351.2	440.7	534.1	621.3	695.5
117.5°	158.0	166.0	173.9	196.5	229.4	278.7	346.6	425.9	506.9	585.1	654.2
120°	169.9	177.9	185.8	207.9	238.5	282.1	342.7	414.6	487.7	557.9	617.9
122.5°	181.8	190.0	198.2	218.6	246.4	286.0	340.4	405.0	472.4	535.2	591.3
125°	193.1	201.0	209.0	229.4	254.9	290.0	337.6	395.9	457.7	516.0	565.8
127.5°	203.3	211.6	219.8	239.6	262.8	294.0	335.9	387.4	442.9	496.7	544.3
130°	213.0	220.9	228.8	248.7	270.2	298.5	334.7	378.9	428.8	477.5	522.2
132.5°	222.0	230.0	237.9	256.6	277.5	303.0	334.2	372.1	415.2	459.4	499.6
135°	230.0	237.9	245.8	263.9	283.8	306.4	333.6	365.9	402.7	440.1	477.5
137.5°	237.3	244.6	252.0	270.2	288.9	309.8	333.6	361.4	392.5	424.8	455.4
140°	243.6	251.0	258.3	275.3	292.8	312.1	333.0	357.4	382.9	410.1	436.1
142.5°	249.2	256.0	262.8	279.2	296.2	313.8	333.0	353.4	375.0	397.0	418.6
145°	255.4	261.6	267.9	283.2	299.1	314.9	331.9	350.0	367.6	386.3	403.8
147.5°	260.5	266.2	271.9	286.6	300.8	315.5	330.2	346.6	361.9	377.2	391.4
150°	265.6	270.7	275.8	288.9	301.9	314.9	328.5	342.1	355.7	368.2	380.1
152.5°	270.7	275.2	279.8	291.1	302.5	313.8	325.7	338.1	349.5	360.8	370.4
155°	275.3	279.6	283.8	293.4	303.0	312.7	322.3	333.0	343.8	352.9	361.4
157.5°	279.2	282.9	286.6	295.1	303.0	310.4	318.9	328.5	337.0	344.9	352.3
160°	283.2	286.3	289.4	296.2	303.0	308.7	315.5	323.4	330.8	337.0	343.2
162.5°	286.6	288.8	291.1	296.8	302.5	307.0	312.7	318.9	324.5	329.6	334.7
165°	288.9	290.6	292.3	297.4	301.3	304.7	308.7	313.8	318.3	322.3	326.2
167.5°	291.1	292.2	293.4	297.4	300.8	302.5	305.3	308.7	312.1	315.5	318.3
170°	292.3	293.2	294.0	296.8	299.6	300.8	302.5	304.7	307.6	309.3	311.5
172.5°	293.4	294.0	294.5	296.2	297.9	298.5	299.1	300.8	302.5	303.6	305.3
175°	294.0	294.2	294.5	295.7	296.8	296.2	296.8	297.4	299.1	299.6	300.2
177.5°	294.5	294.5	294.5	295.1	296.2	295.1	294.5	295.1	296.2	296.2	296.8
180°	294.5	294.5	294.5	294.5	294.5	294.5	294.5	294.5	294.5	294.5	294.5

TEST NUMBER: P997903

CATALOG NUMBER: SA2XXDIP-B1005D530UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1
2.5°	1888.3	1892.8	1882.2	1879.1	1882.2	1871.5	1874.5	1877.6	1877.6	1882.2	1885.2
5°	1778.6	1772.5	1761.9	1758.8	1755.8	1760.3	1757.3	1761.9	1763.4	1774.0	1775.6
7.5°	1670.5	1661.4	1652.2	1643.1	1640.0	1632.4	1640.0	1640.0	1650.7	1647.7	1655.3
10°	1542.6	1541.1	1528.9	1524.3	1518.2	1506.0	1522.8	1518.2	1525.8	1539.5	1542.6
12.5°	1448.2	1431.4	1439.0	1417.7	1425.3	1413.1	1414.7	1414.7	1426.8	1428.4	1425.3
15°	1358.3	1344.6	1324.8	1315.7	1311.1	1305.0	1324.8	1326.3	1317.2	1338.5	1330.9
17.5°	1267.0	1267.0	1248.7	1244.1	1231.9	1238.0	1235.0	1236.5	1233.5	1248.7	1256.3
20°	1187.8	1180.2	1174.1	1175.6	1160.4	1157.3	1154.3	1157.3	1168.0	1178.6	1181.7
22.5°	1123.8	1119.2	1104.0	1107.1	1094.9	1099.4	1096.4	1104.0	1105.5	1105.5	1116.2
25°	1062.9	1056.8	1058.3	1052.2	1047.7	1047.7	1043.1	1047.7	1053.8	1056.8	1058.3
27.5°	1017.2	1012.7	1005.0	1000.5	1003.5	995.9	1002.0	1006.6	1006.6	1003.5	1006.6
30°	962.4	965.4	965.4	950.2	956.3	953.3	957.8	960.9	960.9	962.4	959.4
32.5°	925.9	916.7	915.2	913.7	913.7	907.6	907.6	912.1	913.7	915.2	919.8
35°	877.1	877.1	869.5	874.1	868.0	869.5	868.0	869.5	872.6	868.0	872.6
37.5°	833.0	834.5	831.4	834.5	836.0	833.0	829.9	836.0	833.0	833.0	829.9
40°	794.9	793.4	794.9	794.9	794.9	796.4	793.4	793.4	793.4	790.3	787.3
42.5°	762.9	753.8	756.8	758.3	753.8	753.8	755.3	753.8	758.3	749.2	749.2
45°	717.2	714.2	715.7	715.7	718.8	714.2	717.2	718.8	714.2	712.7	709.6
47.5°	676.1	679.2	676.1	679.2	679.2	682.2	676.1	677.6	679.2	673.1	668.5
50°	635.0	635.0	639.6	638.0	639.6	636.5	636.5	635.0	636.5	633.5	628.9
52.5°	596.9	592.4	600.0	598.5	596.9	595.4	593.9	595.4	592.4	589.3	589.3
55°	549.7	549.7	554.3	555.8	555.8	552.8	549.7	551.2	549.7	548.2	546.7
57.5°	511.7	505.6	508.6	510.1	510.1	505.6	508.6	505.6	505.6	507.1	502.5
60°	462.9	462.9	459.9	464.4	464.4	461.4	461.4	462.9	459.9	458.4	456.8
62.5°	411.2	412.7	417.2	418.8	420.3	417.2	414.2	415.7	415.7	411.2	412.7
65°	367.0	370.0	376.1	374.6	371.6	373.1	370.0	371.6	367.0	368.5	363.9
67.5°	324.4	322.8	324.4	324.4	327.4	325.9	322.8	322.8	321.3	325.9	321.3
70°	278.7	278.7	278.7	278.7	280.2	281.7	278.7	275.6	277.1	274.1	272.6
72.5°	231.5	233.0	231.5	234.5	229.9	233.0	233.0	231.5	229.9	229.9	229.9
75°	187.3	190.3	185.8	187.3	185.8	188.8	187.3	187.3	184.3	182.7	184.3
77.5°	143.1	144.7	141.6	143.1	141.6	143.1	143.1	141.6	141.6	141.6	141.6
80°	102.0	103.5	102.0	100.5	99.0	102.0	99.0	100.5	102.0	100.5	103.5
82.5°	65.5	65.5	64.0	65.5	62.4	62.4	64.0	64.0	62.4	65.5	62.4
85°	32.0	32.0	35.0	32.0	30.5	30.5	30.5	32.0	30.5	33.5	32.0
87.5°	7.6	6.1	7.6	7.6	6.1	6.1	7.6	6.1	7.6	9.1	6.1
90°	18.4	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.4
92.5°	40.2	37.9	37.4	35.1	35.7	34.6	35.7	35.1	37.4	37.9	40.2
95°	83.8	77.6	70.2	65.7	64.0	64.6	64.0	65.7	70.2	77.6	83.8
97.5°	168.2	151.2	129.1	117.8	111.6	108.2	111.6	117.8	129.1	151.2	168.2
100°	335.0	300.8	253.7	229.4	213.0	202.8	213.0	229.4	253.7	300.8	335.0
102.5°	566.4	529.6	477.5	431.6	410.1	395.3	410.1	431.6	477.5	529.6	566.4
105°	750.2	740.9	705.7	670.6	646.3	638.3	646.3	670.6	705.7	740.9	750.2
107.5°	816.8	828.1	827.5	822.4	815.1	802.0	815.1	822.4	827.5	828.1	816.8
110°	806.0	829.2	853.6	864.3	869.4	868.9	869.4	864.3	853.6	829.2	806.0

TEST NUMBER: P997903

CATALOG NUMBER: SA2XXDIP-B1005D530UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	769.4	796.9	833.2	853.0	863.8	867.7	863.8	853.0	833.2	796.9	769.4
115°	724.7	753.9	794.1	820.1	834.9	840.0	834.9	820.1	794.1	753.9	724.7
117.5°	682.0	709.7	751.0	778.8	794.1	798.1	794.1	778.8	751.0	709.7	682.0
120°	643.7	669.5	709.1	735.8	752.2	757.8	752.2	735.8	709.1	669.5	643.7
122.5°	614.0	636.6	671.2	697.2	711.4	715.9	711.4	697.2	671.2	636.6	614.0
125°	587.0	608.3	641.2	662.7	676.9	681.4	676.9	662.7	641.2	608.3	587.0
127.5°	564.2	584.0	612.8	633.2	645.7	649.1	645.7	633.2	612.8	584.0	564.2
130°	540.9	559.6	587.4	606.6	617.9	622.5	617.9	606.6	587.4	559.6	540.9
132.5°	516.8	534.1	561.3	580.6	590.8	594.7	590.8	580.6	561.3	534.1	516.8
135°	493.4	509.2	533.6	552.2	562.4	564.7	562.4	552.2	533.6	509.2	493.4
137.5°	469.6	483.7	506.9	523.4	532.4	535.8	532.4	523.4	506.9	483.7	469.6
140°	448.6	461.1	479.2	493.9	502.4	505.8	502.4	493.9	479.2	461.1	448.6
142.5°	428.5	438.4	455.4	468.4	475.8	475.8	475.8	468.4	455.4	438.4	428.5
145°	412.0	420.3	433.9	443.5	449.2	450.9	449.2	443.5	433.9	420.3	412.0
147.5°	397.6	403.8	415.7	423.7	427.6	428.8	427.6	423.7	415.7	403.8	397.6
150°	385.2	390.3	398.7	405.5	408.9	409.5	408.9	405.5	398.7	390.3	385.2
152.5°	374.6	378.9	385.2	390.8	393.1	393.1	393.1	390.8	385.2	378.9	374.6
155°	364.5	367.6	373.8	377.8	380.1	378.9	380.1	377.8	373.8	367.6	364.5
157.5°	354.8	357.4	361.9	365.3	366.5	366.5	366.5	365.3	361.9	357.4	354.8
160°	345.2	347.2	351.2	354.0	354.6	354.6	354.6	354.0	351.2	347.2	345.2
162.5°	336.2	337.6	341.5	343.2	343.8	343.2	343.8	343.2	341.5	337.6	336.2
165°	327.4	328.5	330.8	333.0	333.0	332.5	333.0	333.0	330.8	328.5	327.4
167.5°	319.5	320.6	321.7	322.8	322.8	322.3	322.8	322.8	321.7	320.6	319.5
170°	312.1	312.7	313.2	314.9	314.4	313.2	314.4	314.9	313.2	312.7	312.1
172.5°	305.6	305.9	306.4	307.0	306.4	305.9	306.4	307.0	306.4	305.9	305.6
175°	300.5	300.8	300.8	301.3	300.8	299.6	300.8	301.3	300.8	300.8	300.5
177.5°	296.8	296.8	296.8	296.8	296.2	295.1	296.2	296.8	296.8	296.8	296.8
180°	294.5	294.5	294.5	294.5	294.5	294.5	294.5	294.5	294.5	294.5	294.5

TEST NUMBER: P997903

CATALOG NUMBER: SA2XXDIP-B1005D530UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1
2.5°	1880.6	1892.8	1888.3	1871.5	1891.3	1891.3	1905.0	1905.0	1921.8	1927.8	1937.0
5°	1774.0	1783.2	1790.8	1783.2	1796.9	1818.2	1830.4	1841.0	1863.9	1873.0	1886.7
7.5°	1659.8	1676.6	1684.2	1684.2	1707.0	1731.4	1755.8	1771.0	1803.0	1815.2	1828.9
10°	1548.7	1568.5	1583.7	1582.2	1620.2	1635.5	1665.9	1700.9	1732.9	1751.2	1771.0
12.5°	1431.4	1442.1	1463.4	1493.9	1503.0	1530.4	1565.4	1609.6	1667.4	1684.2	1713.1
15°	1334.0	1362.9	1379.6	1393.3	1414.7	1440.6	1478.6	1521.3	1579.1	1615.7	1646.1
17.5°	1251.7	1289.8	1300.5	1297.4	1324.8	1364.4	1408.6	1440.6	1492.3	1536.5	1565.4
20°	1184.7	1200.0	1218.2	1225.8	1247.2	1289.8	1332.4	1369.0	1411.6	1446.6	1480.1
22.5°	1117.7	1129.9	1145.1	1158.8	1175.6	1200.0	1241.1	1286.8	1327.9	1361.4	1399.4
25°	1062.9	1070.5	1084.2	1094.9	1113.2	1129.9	1158.8	1209.1	1257.8	1277.6	1311.1
27.5°	1009.6	1015.7	1024.8	1037.0	1046.2	1062.9	1088.8	1129.9	1180.2	1200.0	1245.6
30°	962.4	967.0	976.1	982.2	986.8	1006.6	1026.4	1058.3	1096.4	1123.8	1157.3
32.5°	918.2	922.8	931.9	933.5	939.6	950.2	968.5	997.4	1030.9	1053.8	1082.7
35°	869.5	872.6	881.7	884.7	889.3	898.4	912.1	933.5	963.9	980.7	1006.6
37.5°	831.4	829.9	836.0	840.6	846.7	851.2	855.8	877.1	900.0	915.2	935.0
40°	790.3	787.3	788.8	794.9	797.9	804.0	804.0	825.3	840.6	852.8	868.0
42.5°	749.2	747.7	744.6	747.7	750.7	752.3	753.8	769.0	784.2	794.9	811.6
45°	708.1	706.6	703.5	705.0	705.0	708.1	712.7	718.8	729.4	738.5	747.7
47.5°	670.0	667.0	662.4	660.9	663.9	663.9	663.9	670.0	680.7	683.7	692.9
50°	630.4	625.9	619.8	616.7	616.7	615.2	618.2	619.8	628.9	632.0	639.6
52.5°	587.8	584.7	578.7	572.6	574.1	571.0	572.6	574.1	577.1	581.7	586.3
55°	545.2	539.1	534.5	533.0	528.4	528.4	523.8	529.9	528.4	529.9	536.0
57.5°	504.0	498.0	490.3	487.3	482.7	481.2	478.2	476.6	478.2	482.7	487.3
60°	455.3	452.3	447.7	443.1	440.1	435.5	432.5	432.5	430.9	430.9	432.5
62.5°	408.1	406.6	400.5	399.0	395.9	392.9	388.3	385.3	385.3	388.3	389.8
65°	362.4	360.9	356.3	354.8	347.2	344.1	342.6	341.1	338.1	338.1	338.1
67.5°	319.8	315.2	315.2	307.6	301.5	298.5	295.4	293.9	293.9	293.9	295.4
70°	272.6	272.6	268.0	263.4	257.4	258.9	254.3	249.7	249.7	246.7	248.2
72.5°	226.9	225.4	220.8	219.3	214.7	210.1	207.1	210.1	205.6	204.1	205.6
75°	182.7	181.2	178.2	175.1	176.6	172.1	167.5	166.0	166.0	162.9	162.9
77.5°	140.1	143.1	137.1	135.5	132.5	129.4	127.9	126.4	126.4	126.4	129.4
80°	97.5	99.0	99.0	95.9	97.5	92.9	92.9	92.9	88.3	89.8	91.4
82.5°	62.4	62.4	60.9	62.4	60.9	60.9	59.4	59.4	57.9	57.9	59.4
85°	35.0	33.5	32.0	35.0	33.5	33.5	32.0	32.0	32.0	32.0	32.0
87.5°	7.6	9.1	9.1	9.1	9.1	10.7	10.7	10.7	12.2	12.2	12.2
90°	18.1	17.0	18.1	18.7	19.3	18.7	15.3	11.3	8.5	7.6	6.8
92.5°	42.5	48.7	57.2	73.1	87.2	86.1	66.8	45.3	30.0	26.9	23.8
95°	90.1	113.8	148.4	194.3	222.0	196.5	130.8	81.6	55.5	48.7	41.9
97.5°	185.2	242.4	303.6	364.8	361.9	279.8	173.9	105.4	71.9	64.2	56.6
100°	369.3	446.9	517.1	529.0	447.5	308.1	185.8	116.7	86.7	78.8	70.8
102.5°	603.2	654.8	657.0	590.2	450.3	297.4	186.3	126.9	99.7	91.8	83.8
105°	759.5	752.2	688.2	570.4	419.7	282.6	189.2	138.8	112.1	104.2	96.3
107.5°	805.4	749.9	654.8	528.5	391.4	274.7	195.4	150.7	124.6	116.6	108.7
110°	782.8	710.3	608.9	489.4	372.1	272.4	203.3	162.6	137.6	129.4	121.2

TEST NUMBER: P997903

CATALOG NUMBER: SA2XXDIP-B1005D530UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	742.0	663.3	567.0	462.2	359.7	273.0	211.8	173.9	150.1	141.6	133.1
115°	695.5	621.3	534.1	440.7	351.2	275.3	220.3	185.8	161.4	153.8	146.1
117.5°	654.2	585.1	506.9	425.9	346.6	278.7	229.4	196.5	173.9	166.0	158.0
120°	617.9	557.9	487.7	414.6	342.7	282.1	238.5	207.9	185.8	177.9	169.9
122.5°	591.3	535.2	472.4	405.0	340.4	286.0	246.4	218.6	198.2	190.0	181.8
125°	565.8	516.0	457.7	395.9	337.6	290.0	254.9	229.4	209.0	201.0	193.1
127.5°	544.3	496.7	442.9	387.4	335.9	294.0	262.8	239.6	219.8	211.6	203.3
130°	522.2	477.5	428.8	378.9	334.7	298.5	270.2	248.7	228.8	220.9	213.0
132.5°	499.6	459.4	415.2	372.1	334.2	303.0	277.5	256.6	237.9	230.0	222.0
135°	477.5	440.1	402.7	365.9	333.6	306.4	283.8	263.9	245.8	237.9	230.0
137.5°	455.4	424.8	392.5	361.4	333.6	309.8	288.9	270.2	252.0	244.6	237.3
140°	436.1	410.1	382.9	357.4	333.0	312.1	292.8	275.3	258.3	251.0	243.6
142.5°	418.6	397.0	375.0	353.4	333.0	313.8	296.2	279.2	262.8	256.0	249.2
145°	403.8	386.3	367.6	350.0	331.9	314.9	299.1	283.2	267.9	261.6	255.4
147.5°	391.4	377.2	361.9	346.6	330.2	315.5	300.8	286.6	271.9	266.2	260.5
150°	380.1	368.2	355.7	342.1	328.5	314.9	301.9	288.9	275.8	270.7	265.6
152.5°	370.4	360.8	349.5	338.1	325.7	313.8	302.5	291.1	279.8	275.2	270.7
155°	361.4	352.9	343.8	333.0	322.3	312.7	303.0	293.4	283.8	279.6	275.3
157.5°	352.3	344.9	337.0	328.5	318.9	310.4	303.0	295.1	286.6	282.9	279.2
160°	343.2	337.0	330.8	323.4	315.5	308.7	303.0	296.2	289.4	286.3	283.2
162.5°	334.7	329.6	324.5	318.9	312.7	307.0	302.5	296.8	291.1	288.8	286.6
165°	326.2	322.3	318.3	313.8	308.7	304.7	301.3	297.4	292.3	290.6	288.9
167.5°	318.3	315.5	312.1	308.7	305.3	302.5	300.8	297.4	293.4	292.2	291.1
170°	311.5	309.3	307.6	304.7	302.5	300.8	299.6	296.8	294.0	293.2	292.3
172.5°	305.3	303.6	302.5	300.8	299.1	298.5	297.9	296.2	294.5	294.0	293.4
175°	300.2	299.6	299.1	297.4	296.8	296.2	296.8	295.7	294.5	294.2	294.0
177.5°	296.8	296.2	296.2	295.1	294.5	295.1	296.2	295.1	294.5	294.5	294.5
180°	294.5	294.5	294.5	294.5	294.5	294.5	294.5	294.5	294.5	294.5	294.5

TEST NUMBER: P997903

CATALOG NUMBER: SA2XXDIP-B1005D530UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1981.1	1981.1	1981.1	1981.1
2.5°	1944.6	1944.6	1967.4	1991.8
5°	1902.0	1912.6	1949.2	1982.7
7.5°	1860.8	1879.1	1924.8	1967.4
10°	1810.6	1835.0	1891.3	1941.5
12.5°	1761.9	1784.7	1850.2	1906.5
15°	1693.3	1722.3	1792.3	1862.4
17.5°	1624.8	1653.7	1739.0	1821.2
20°	1544.1	1582.2	1678.1	1787.7
22.5°	1469.5	1516.7	1623.3	1711.6
25°	1387.3	1460.3	1559.3	1673.5
27.5°	1314.2	1387.3	1487.8	1603.5
30°	1231.9	1306.5	1410.1	1516.7
32.5°	1152.7	1221.3	1321.8	1452.7
35°	1070.5	1136.0	1233.5	1365.9
37.5°	995.9	1059.9	1166.5	1288.3
40°	922.8	989.8	1081.2	1203.0
42.5°	854.3	913.7	995.9	1117.7
45°	791.8	834.5	910.6	1024.8
47.5°	726.4	764.4	834.5	948.7
50°	665.5	697.4	758.3	864.9
52.5°	606.1	633.5	689.8	775.1
55°	552.8	578.7	619.8	703.5
57.5°	498.0	517.7	557.3	624.3
60°	444.7	462.9	494.9	549.7
62.5°	391.4	406.6	437.0	481.2
65°	344.1	356.3	379.2	417.2
67.5°	298.5	306.1	324.4	354.8
70°	254.3	260.4	275.6	300.0
72.5°	207.1	213.2	229.9	246.7
75°	167.5	169.0	181.2	194.9
77.5°	131.0	129.4	138.6	149.2
80°	89.8	94.4	102.0	106.6
82.5°	60.9	62.4	65.5	68.5
85°	33.5	35.0	35.0	39.6
87.5°	13.7	15.2	15.2	16.8
90°	5.7	4.5	2.3	0.6
92.5°	19.3	16.4	11.9	8.5
95°	32.9	27.8	22.1	19.8
97.5°	46.4	39.1	32.9	29.5
100°	59.5	50.4	45.3	43.6
102.5°	71.9	62.9	57.8	56.6
105°	83.8	75.3	71.4	69.1
107.5°	96.3	88.4	84.4	82.7
110°	109.3	102.0	98.6	96.3



TEST NUMBER: P997903

CATALOG NUMBER: SA2XXDIP-B1005D530UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	121.8	115.0	111.0	108.7
115°	134.8	128.0	124.6	121.8
117.5°	147.3	141.0	137.6	135.4
120°	158.6	153.5	150.1	147.8
122.5°	170.5	164.8	161.4	159.7
125°	181.8	175.0	171.6	169.9
127.5°	192.6	185.2	180.7	178.4
130°	201.6	193.7	188.0	185.8
132.5°	210.1	201.6	195.4	192.6
135°	216.9	208.4	201.6	199.4
137.5°	224.3	215.2	208.4	205.6
140°	231.1	222.0	215.2	213.0
142.5°	237.3	228.3	222.0	220.3
145°	244.1	235.6	230.0	227.7
147.5°	250.9	243.0	237.3	235.6
150°	257.1	249.8	245.3	243.6
152.5°	262.8	256.6	252.0	251.5
155°	269.0	262.8	259.4	258.8
157.5°	274.1	268.5	265.6	265.1
160°	278.7	274.1	271.9	271.3
162.5°	282.6	279.2	277.0	277.5
165°	286.0	282.6	281.5	282.1
167.5°	288.9	286.6	285.5	286.0
170°	291.1	289.4	288.9	290.0
172.5°	292.8	291.1	291.7	292.3
175°	294.0	292.8	293.4	294.0
177.5°	294.5	293.4	294.0	295.1
180°	294.5	294.5	294.5	294.5

TEST NUMBER: P997903

CATALOG NUMBER: SA2XXDIP-B1005D530UB27-4F0-XX-W2A-A4

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	19.36	20.36	20.15	21.17	22.16	16.85	17.85	17.64	18.66	19.65
	3H	20.18	21.07	20.99	21.89	22.91	18.21	19.10	19.01	19.92	20.94
	4H	20.35	21.20	21.18	22.03	23.06	18.67	19.52	19.50	20.35	21.38
	6H	20.41	21.18	21.24	22.02	23.06	18.99	19.77	19.82	20.60	21.65
	8H	20.39	21.13	21.23	21.98	23.03	19.08	19.82	19.92	20.67	21.71
	12H	20.36	21.06	21.21	21.91	22.98	19.12	19.83	19.97	20.67	21.74
4H	2H	19.42	20.26	20.24	21.09	22.12	17.31	18.16	18.14	18.98	20.02
	3H	20.41	21.11	21.25	21.97	23.02	18.79	19.49	19.63	20.35	21.40
	4H	20.69	21.33	21.54	22.19	23.26	19.33	19.96	20.18	20.82	21.90
	6H	20.83	21.38	21.70	22.26	23.34	19.71	20.26	20.58	21.15	22.22
	8H	20.83	21.34	21.70	22.22	23.31	19.83	20.34	20.70	21.22	22.31
	12H	20.80	21.26	21.69	22.16	23.25	19.89	20.35	20.78	21.25	22.34
8H	4H	20.71	21.22	21.58	22.10	23.19	19.48	19.99	20.35	20.87	21.96
	6H	20.89	21.32	21.79	22.24	23.33	19.92	20.34	20.82	21.26	22.35
	8H	20.92	21.30	21.83	22.21	23.32	20.07	20.44	20.98	21.36	22.47
	12H	20.92	21.25	21.83	22.15	23.31	20.17	20.50	21.08	21.40	22.56
12H	4H	20.67	21.13	21.56	22.03	23.13	19.46	19.92	20.35	20.82	21.91
	6H	20.87	21.25	21.78	22.16	23.27	19.92	20.29	20.83	21.21	22.32
	8H	20.91	21.24	21.82	22.15	23.31	20.08	20.41	20.99	21.32	22.48