

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: P997944

Luminaire Tested: SA2XXDIP-B1005D530UB40-4F0-XX-W2A-A1

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P997944
REPORT IS A COMBINATION OF REPORTS P983681 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXDIP-B1005D530UB40-4F0-XX-W2A-A1
Description: Define 2 Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865} {m-EER=0.951}
Light Source: -
Ballast/Driver: -

Summary

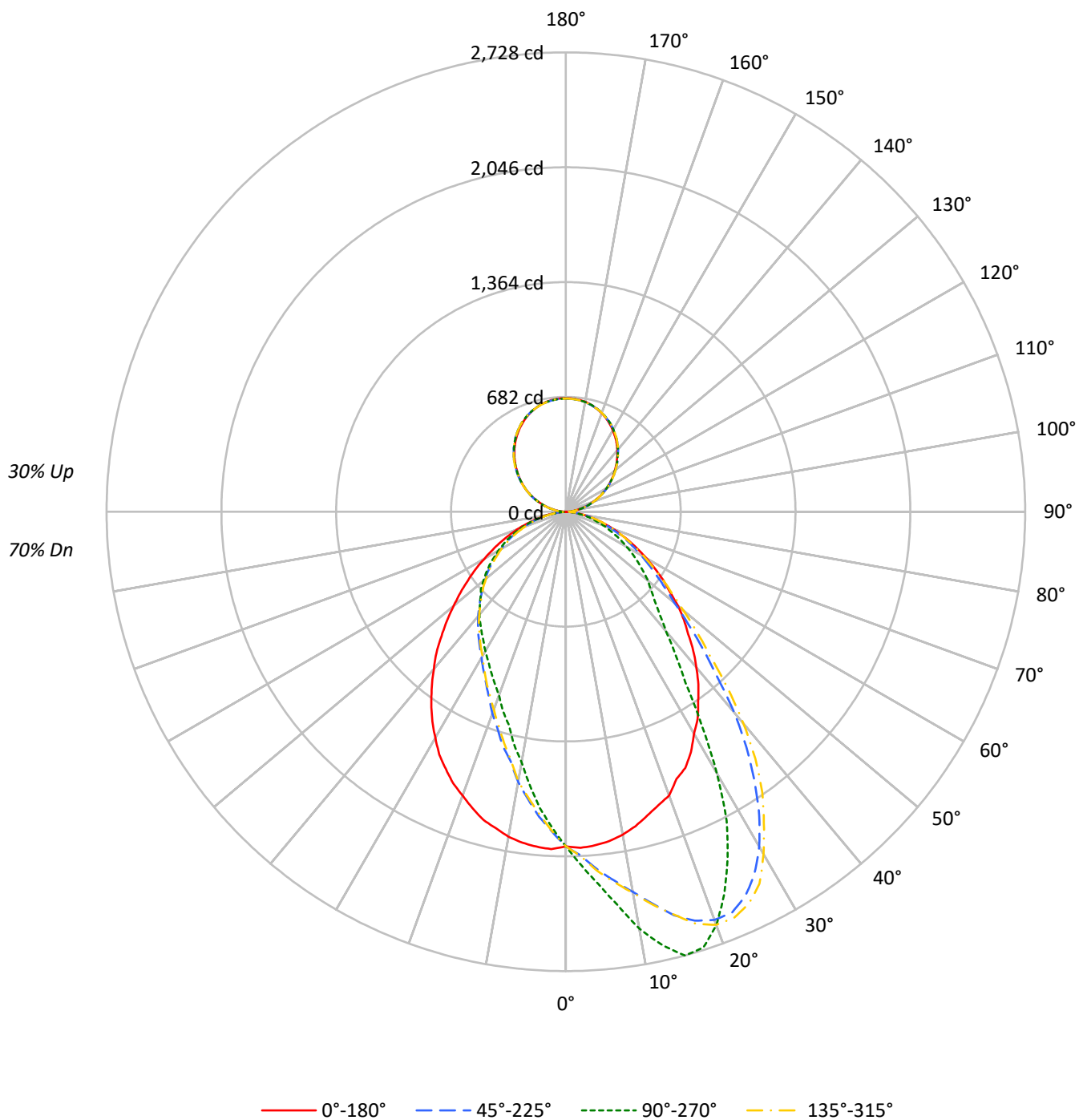
Lumens per Lamp: N/A
Luminaire Lumens: 6268.0 lumens
Efficiency: N/A
Efficacy: 81.7 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

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

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	112	112	112	112	106	106	106	106	94	94	94	84	84	84	74	74	74
1	103	99	95	92	97	94	90	87	84	81	79	75	73	71	67	66	64
2	94	87	81	76	89	83	77	73	74	70	67	67	64	61	60	57	55
3	87	77	70	64	82	73	67	62	66	61	57	60	56	52	54	50	48
4	80	69	61	55	75	66	59	53	59	54	49	54	49	45	48	45	42
5	73	62	54	48	69	59	52	46	54	48	43	49	44	40	44	40	37
6	68	56	48	42	64	53	46	41	49	43	38	44	39	35	40	36	33
7	63	51	43	37	60	49	41	36	44	38	34	41	35	32	37	33	29
8	59	46	39	33	56	44	37	32	41	35	30	37	32	29	34	30	27
9	55	43	35	30	52	41	34	29	38	32	28	34	29	26	32	27	24
10	51	39	32	27	49	38	31	27	35	29	25	32	27	24	29	25	22

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	31453	31453	31453	31453
5°	31529	33537	31650	26682
10°	31163	36611	31358	21997
15°	30407	38616	30830	18529
20°	29933	36257	29933	16106
25°	28978	31149	29111	14402
30°	27409	24486	27932	13045
35°	26018	16932	26453	11936
40°	24420	12783	24698	11051
45°	22449	10505	22816	10096
50°	20745	9220	20781	9242
55°	18802	7857	18924	8315
60°	16732	6563	16963	7257
65°	14877	5338	15148	6198
70°	13031	4187	13360	4999
75°	10936	3039	11361	3625
80°	8535	1926	9141	2151
85°	5608	969	6046	717

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 32514 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	189.3	3.0
10°-20°	550.9	8.8
20°-30°	799.5	12.8
30°-40°	842.8	13.4
40°-50°	745.8	11.9
50°-60°	595.5	9.5
60°-70°	404.5	6.5
70°-80°	207.0	3.3
80°-90°	50.8	0.8
90°-100°	41.6	0.7
100°-110°	132.4	2.1
110°-120°	226.5	3.6
120°-130°	297.9	4.8
130°-140°	334.4	5.3
140°-150°	327.9	5.2
150°-160°	275.1	4.4
160°-170°	182.4	2.9
170°-180°	63.8	1.0
0°-30°	1539.6	24.6
0°-40°	2382.4	38.0
0°-60°	3723.7	59.4
0°-90°	4385.9	70.0
90°-120°	400.5	6.4
90°-150°	1360.8	21.7
90°-180°	1882.0	30.0
0°-180°	6268.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1987	1987	1987	1987	1987	
5°	1989	2219	1996	1766	1989	189
15°	1868	2728	1894	1309	1868	528
25°	1678	2273	1686	1051	1678	767
35°	1370	1237	1393	872	1370	857
45°	1028	745	1045	716	1028	797
55°	706	524	710	554	706	630
65°	418	322	426	374	418	416
75°	196	159	203	189	196	210
85°	40	41	43	30	40	46
90°	1	19	1	19	1	4
95°	30	35	30	35	30	33
105°	122	126	122	126	122	129
115°	227	227	227	227	227	225
125°	331	332	331	332	331	295
135°	428	433	428	433	428	331
145°	519	525	519	525	519	324
155°	594	598	594	598	594	273
165°	646	646	646	646	646	182
175°	672	670	672	670	672	64
180°	673	673	673	673	673	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0
2.5°	1997.7	2002.3	2009.9	2011.5	2026.7	2039.0	2052.7	2052.7	2057.3	2055.8	2043.5
5°	1988.6	2002.3	2022.2	2039.0	2066.5	2078.7	2097.0	2110.7	2123.0	2132.1	2130.6
7.5°	1973.3	1997.7	2026.7	2058.8	2095.5	2116.9	2142.8	2167.3	2184.1	2199.3	2210.0
10°	1947.3	1988.6	2028.3	2071.0	2118.4	2147.4	2177.9	2210.0	2236.0	2265.0	2292.5
12.5°	1912.2	1971.8	2020.6	2077.1	2135.2	2167.3	2216.1	2240.6	2291.0	2364.3	2384.1
15°	1867.9	1948.9	1994.7	2066.5	2142.8	2168.8	2236.0	2275.7	2379.6	2425.4	2480.4
17.5°	1826.7	1916.8	1977.9	2060.3	2135.2	2185.6	2251.3	2332.2	2419.3	2484.9	2546.0
20°	1793.1	1880.1	1953.4	2045.1	2139.8	2203.9	2272.6	2370.4	2465.1	2532.3	2579.6
22.5°	1716.7	1828.2	1913.7	2016.1	2130.6	2219.2	2284.9	2391.8	2494.1	2535.3	2576.6
25°	1678.5	1774.7	1874.0	1990.1	2124.5	2229.9	2286.4	2405.5	2495.6	2510.9	2520.1
27.5°	1608.3	1716.7	1832.8	1965.7	2123.0	2211.5	2283.3	2391.8	2463.6	2452.9	2425.4
30°	1521.2	1654.1	1782.4	1925.9	2101.6	2197.8	2265.0	2364.3	2400.9	2346.0	2297.1
32.5°	1457.1	1582.3	1724.3	1890.8	2077.1	2168.8	2234.5	2312.4	2320.0	2220.7	2138.2
35°	1370.0	1509.0	1669.4	1845.0	2035.9	2118.4	2179.5	2226.8	2190.2	2051.2	1953.4
37.5°	1292.1	1429.6	1600.6	1779.3	1979.4	2060.3	2109.2	2116.9	2026.7	1904.6	1761.0
40°	1206.6	1348.6	1527.3	1715.2	1916.8	1987.0	2017.6	1994.7	1864.8	1722.8	1556.3
42.5°	1121.0	1261.6	1454.0	1646.4	1837.4	1896.9	1909.1	1846.5	1687.7	1521.2	1328.8
45°	1027.9	1174.5	1366.9	1560.9	1745.7	1779.3	1780.8	1690.7	1502.9	1328.8	1150.1
47.5°	951.5	1087.4	1278.4	1472.3	1628.1	1651.0	1641.9	1538.0	1333.3	1137.8	982.1
50°	867.5	997.3	1186.7	1377.6	1510.5	1516.6	1493.7	1345.6	1145.5	966.8	843.1
52.5°	777.4	908.8	1082.9	1266.1	1385.3	1376.1	1331.8	1173.0	985.1	837.0	742.3
55°	705.6	821.7	985.1	1163.8	1247.8	1221.8	1173.0	1011.1	862.9	737.7	655.2
57.5°	626.2	728.5	888.9	1044.7	1093.6	1069.1	1020.2	869.0	731.6	636.9	581.9
60°	551.4	644.5	785.0	914.9	953.0	927.1	870.6	734.6	635.4	555.9	514.7
62.5°	482.6	563.6	681.2	800.3	815.6	789.6	740.7	630.8	545.3	482.6	452.1
65°	418.5	494.8	589.5	679.7	693.4	665.9	615.5	536.1	464.3	424.6	395.6
67.5°	355.9	417.0	501.0	566.6	574.3	548.3	507.1	442.9	398.6	355.9	334.5
70°	300.9	346.7	412.4	465.8	468.9	444.4	423.1	365.0	331.4	300.9	284.1
72.5°	247.4	279.5	329.9	369.6	371.1	355.9	336.0	299.4	270.3	249.0	232.2
75°	195.5	223.0	253.5	288.7	287.1	274.9	259.6	236.7	212.3	198.6	190.9
77.5°	149.7	166.5	190.9	213.8	213.8	207.7	198.6	181.8	166.5	152.7	145.1
80°	106.9	117.6	137.5	145.1	148.1	146.6	139.0	126.8	120.7	110.0	106.9
82.5°	68.7	76.4	85.5	93.2	97.7	94.7	93.2	87.1	77.9	74.8	71.8
85°	39.7	42.8	47.3	51.9	53.5	51.9	55.0	50.4	45.8	45.8	44.3
87.5°	16.8	18.3	21.4	21.4	22.9	22.9	21.4	22.9	22.9	21.4	19.9
90°	0.6	2.1	3.6	5.1	6.6	7.4	8.8	11.6	14.3	17.1	19.9
92.5°	12.5	13.5	14.5	15.5	16.5	17.0	17.1	17.2	17.3	17.5	17.6
95°	29.5	30.8	32.0	33.3	34.6	35.2	35.3	35.6	35.9	36.1	36.4
97.5°	49.4	50.5	51.7	52.8	53.9	54.5	54.8	55.3	55.8	56.3	56.8
100°	72.1	73.1	74.1	75.2	76.2	76.7	76.9	77.3	77.6	78.0	78.4
102.5°	96.0	96.8	97.5	98.3	99.0	99.4	99.7	100.2	100.7	101.2	101.7
105°	122.1	122.5	122.9	123.2	123.6	123.8	123.9	124.2	124.5	124.7	125.0
107.5°	148.3	148.8	149.3	149.8	150.3	150.5	150.5	150.5	150.5	150.5	150.5
110°	173.3	174.1	174.8	175.6	176.3	176.7	176.7	176.7	176.7	176.7	176.7

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	200.5	201.3	202.0	202.8	203.5	203.9	203.8	203.7	203.6	203.5	203.4
115°	227.2	228.0	228.7	229.5	230.2	230.6	230.5	230.2	230.0	229.7	229.5
117.5°	253.9	254.9	255.9	257.0	258.0	258.5	258.2	257.5	256.9	256.2	255.6
120°	280.6	281.6	282.6	283.7	284.7	285.2	284.7	283.7	282.6	281.6	280.6
122.5°	305.1	306.3	307.6	308.8	310.1	310.7	310.4	309.8	309.1	308.5	307.9
125°	330.6	331.7	332.9	334.0	335.1	335.7	335.5	335.1	334.8	334.4	334.0
127.5°	355.6	357.0	358.4	359.8	361.2	361.9	361.6	361.1	360.6	360.1	359.6
130°	378.9	380.5	382.2	383.8	385.5	386.3	386.2	385.9	385.7	385.4	385.2
132.5°	405.0	406.3	407.5	408.8	410.1	410.7	410.8	410.9	411.0	411.2	411.3
135°	427.8	429.2	430.6	431.9	433.3	434.0	434.1	434.4	434.7	434.9	435.2
137.5°	452.8	453.9	455.1	456.2	457.3	457.9	458.0	458.3	458.5	458.8	459.0
140°	474.9	476.0	477.2	478.3	479.4	480.0	480.3	481.0	481.6	482.3	482.9
142.5°	497.6	498.8	499.9	501.1	502.2	502.8	503.0	503.4	503.7	504.1	504.5
145°	519.2	520.1	521.0	521.9	522.8	523.2	523.6	524.3	525.1	525.8	526.6
147.5°	538.5	539.7	540.8	542.0	543.1	543.7	543.9	544.4	544.9	545.4	545.9
150°	558.4	559.2	559.9	560.7	561.4	561.8	562.1	562.6	563.1	563.6	564.1
152.5°	576.0	576.8	577.5	578.3	579.0	579.4	579.7	580.4	581.0	581.7	582.3
155°	593.6	594.0	594.4	594.8	595.2	595.4	595.6	596.0	596.3	596.7	597.1
157.5°	609.0	609.2	609.5	609.7	610.0	610.1	610.2	610.5	610.8	611.0	611.3
160°	622.6	622.9	623.1	623.4	623.7	623.8	623.9	624.0	624.1	624.2	624.3
162.5°	635.1	635.1	635.1	635.1	635.1	635.1	635.2	635.3	635.4	635.6	635.7
165°	645.9	645.8	645.6	645.5	645.4	645.3	645.3	645.3	645.3	645.3	645.3
167.5°	655.6	655.2	654.8	654.5	654.1	653.9	653.9	653.9	653.9	653.9	653.9
170°	663.0	662.6	662.2	661.9	661.5	661.3	661.2	661.1	661.0	660.8	660.7
172.5°	668.1	667.7	667.3	667.0	666.6	666.4	666.3	666.2	666.1	665.9	665.8
175°	672.0	671.6	671.2	670.9	670.5	670.3	670.2	669.9	669.7	669.4	669.2
177.5°	674.3	673.9	673.5	673.2	672.8	672.6	672.5	672.2	672.0	671.7	671.5
180°	673.2	673.2	673.2	673.2	673.2	673.2	673.2	673.2	673.2	673.2	673.2

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0
2.5°	2064.9	2066.5	2069.5	2084.8	2092.4	2093.9	2087.8	2101.6	2106.2	2101.6	2098.5
5°	2162.7	2171.8	2190.2	2210.0	2208.5	2210.0	2219.2	2228.3	2231.4	2219.2	2223.8
7.5°	2248.2	2266.5	2286.4	2316.9	2316.9	2332.2	2338.3	2346.0	2364.3	2355.1	2352.1
10°	2346.0	2370.4	2407.0	2455.9	2457.4	2472.7	2488.0	2512.4	2520.1	2514.0	2517.0
12.5°	2468.1	2515.5	2518.5	2572.0	2596.4	2599.5	2623.9	2619.3	2634.6	2634.6	2660.6
15°	2521.6	2594.9	2636.1	2688.1	2703.3	2685.0	2704.9	2726.3	2727.8	2727.8	2726.3
17.5°	2617.8	2646.8	2688.1	2715.6	2721.7	2721.7	2723.2	2732.4	2726.3	2714.0	2723.2
20°	2637.7	2649.9	2665.2	2662.1	2665.2	2649.9	2634.6	2619.3	2620.9	2613.2	2636.1
22.5°	2601.0	2598.0	2562.8	2539.9	2539.9	2509.4	2480.4	2466.6	2452.9	2457.4	2465.1
25°	2509.4	2462.0	2419.3	2385.7	2378.0	2329.2	2289.4	2277.2	2254.3	2272.6	2275.7
27.5°	2362.8	2309.3	2240.6	2211.5	2171.8	2152.0	2124.5	2087.8	2040.5	2068.0	2063.4
30°	2205.4	2126.0	2069.5	1999.3	1936.6	1932.0	1880.1	1819.0	1794.6	1794.6	1808.3
32.5°	2029.8	1924.4	1841.9	1742.7	1681.6	1655.6	1593.0	1531.9	1545.6	1499.8	1516.6
35°	1825.1	1686.2	1582.3	1486.1	1440.3	1409.7	1328.8	1295.2	1258.5	1237.1	1276.8
37.5°	1629.6	1469.3	1336.4	1231.0	1214.2	1159.2	1104.2	1082.9	1061.5	1070.6	1069.1
40°	1391.4	1249.3	1130.2	1047.7	1018.7	992.8	956.1	930.1	916.4	924.0	925.6
42.5°	1176.0	1056.9	968.3	910.3	885.8	867.5	849.2	827.8	823.2	823.2	829.3
45°	1009.6	911.8	852.2	804.9	791.1	777.4	763.7	754.5	751.4	745.3	749.9
47.5°	876.7	798.8	762.1	727.0	711.7	708.7	696.5	691.9	685.8	684.2	685.8
50°	765.2	716.3	682.7	662.9	652.2	647.6	641.5	632.3	629.3	636.9	633.8
52.5°	687.3	641.5	623.1	603.3	597.2	591.1	581.9	583.4	581.9	578.9	578.9
55°	609.4	580.4	562.1	546.8	545.3	539.1	531.5	528.4	526.9	523.9	528.4
57.5°	546.8	523.9	507.1	493.3	487.2	487.2	479.6	473.5	473.5	471.9	473.5
60°	484.2	461.2	450.6	436.8	432.2	430.7	426.1	423.1	418.5	418.5	418.5
62.5°	426.1	407.8	395.6	383.4	384.9	377.2	371.1	368.1	368.1	369.6	369.6
65°	371.1	358.9	343.6	333.0	329.9	328.4	325.3	323.8	319.2	322.3	322.3
67.5°	320.7	303.9	294.8	290.2	285.6	284.1	281.0	278.0	276.4	274.9	278.0
70°	270.3	256.6	249.0	245.9	241.3	239.8	238.3	233.7	235.2	236.7	238.3
72.5°	224.5	212.3	210.8	201.6	201.6	201.6	195.5	198.6	197.0	194.0	197.0
75°	177.2	171.1	168.0	163.4	164.9	163.4	161.9	157.3	157.3	158.8	160.4
77.5°	140.5	134.4	132.9	128.3	125.2	128.3	125.2	123.7	123.7	125.2	125.2
80°	103.9	100.8	96.2	96.2	96.2	94.7	94.7	94.7	93.2	91.6	93.2
82.5°	68.7	68.7	67.2	65.7	67.2	64.1	65.7	65.7	65.7	65.7	65.7
85°	44.3	42.8	42.8	41.2	41.2	41.2	42.8	39.7	39.7	41.2	41.2
87.5°	19.9	19.9	19.9	21.4	19.9	19.9	19.9	21.4	19.9	19.9	19.9
90°	19.6	19.4	19.1	18.8	18.7	18.8	18.9	19.0	19.2	19.3	19.2
92.5°	17.7	17.9	18.0	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.2
95°	36.4	36.4	36.4	36.4	36.4	36.3	36.0	35.7	35.5	35.2	35.5
97.5°	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
100°	78.4	78.4	78.4	78.4	78.4	78.3	78.2	78.1	77.9	77.8	77.9
102.5°	101.8	102.0	102.1	102.2	102.3	102.2	102.1	102.0	101.8	101.7	101.8
105°	125.2	125.5	125.7	126.0	126.1	126.1	126.1	126.1	126.1	126.1	126.1
107.5°	150.6	150.8	150.9	151.0	151.1	150.8	150.2	149.5	148.9	148.3	148.9
110°	176.7	176.7	176.7	176.7	176.7	176.5	176.1	175.8	175.4	175.0	175.4

TEST NUMBER: P997944

CATALOG NUMBER: SA2XXDIP-B1005D530UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	203.0	202.6	202.3	201.9	201.7	201.6	201.3	201.0	200.8	200.5	200.8
115°	229.4	229.2	229.1	229.0	228.9	228.7	228.3	228.0	227.6	227.2	227.6
117.5°	255.2	254.8	254.5	254.1	253.9	253.7	253.3	253.0	252.6	252.2	252.6
120°	280.6	280.6	280.6	280.6	280.6	280.4	280.0	279.7	279.3	278.9	279.3
122.5°	307.5	307.1	306.8	306.4	306.2	306.1	305.8	305.6	305.3	305.1	305.3
125°	333.6	333.2	332.9	332.5	332.3	332.2	332.1	332.0	331.9	331.8	331.9
127.5°	359.1	358.6	358.1	357.6	357.3	357.1	356.7	356.4	356.0	355.6	356.0
130°	384.9	384.7	384.4	384.1	384.0	383.8	383.3	382.8	382.3	381.8	382.3
132.5°	410.7	410.1	409.4	408.8	408.5	408.3	407.9	407.5	407.1	406.7	407.1
135°	435.1	434.9	434.8	434.7	434.6	434.4	434.0	433.7	433.3	432.9	433.3
137.5°	458.9	458.7	458.6	458.5	458.4	458.2	457.7	457.2	456.7	456.2	456.7
140°	482.9	482.9	482.9	482.9	482.9	482.6	482.1	481.6	481.1	480.6	481.1
142.5°	504.6	504.7	504.8	504.9	505.0	504.8	504.3	503.8	503.3	502.8	503.3
145°	526.7	526.9	527.0	527.1	527.2	526.9	526.4	525.9	525.4	524.9	525.4
147.5°	546.2	546.4	546.7	547.0	547.1	546.8	546.3	545.8	545.3	544.8	545.3
150°	564.5	564.9	565.2	565.6	565.8	565.6	565.2	564.9	564.5	564.1	564.5
152.5°	582.8	583.3	583.8	584.3	584.6	584.3	583.8	583.3	582.8	582.3	582.8
155°	597.7	598.3	599.0	599.6	599.9	599.7	599.3	599.0	598.6	598.2	598.6
157.5°	612.2	613.0	613.9	614.8	615.2	614.9	614.3	613.6	613.0	612.4	613.0
160°	625.1	625.8	626.6	627.3	627.7	627.5	627.0	626.5	626.0	625.5	626.0
162.5°	636.6	637.5	638.4	639.3	639.7	639.4	638.7	638.1	637.4	636.8	637.4
165°	646.2	647.1	648.0	648.9	649.3	649.0	648.4	647.7	647.1	646.5	647.1
167.5°	654.8	655.6	656.5	657.4	657.8	657.5	656.9	656.2	655.6	655.0	655.6
170°	661.6	662.5	663.4	664.3	664.7	664.3	663.6	662.8	662.1	661.3	662.1
172.5°	666.7	667.6	668.5	669.4	669.8	669.4	668.7	667.9	667.2	666.4	667.2
175°	670.1	671.0	671.9	672.8	673.2	672.8	672.1	671.3	670.6	669.8	670.6
177.5°	672.3	673.0	673.8	674.5	674.9	674.5	673.8	673.0	672.3	671.5	672.3
180°	673.2	673.2	673.2	673.2	673.2	673.2	673.2	673.2	673.2	673.2	673.2

TEST NUMBER: P997944

CATALOG NUMBER: SA2XXDIP-B1005D530UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0
2.5°	2106.2	2095.5	2086.3	2087.8	2095.5	2089.4	2074.1	2054.2	2046.6	2037.4	2046.6
5°	2232.9	2223.8	2205.4	2207.0	2202.4	2196.3	2171.8	2141.3	2141.3	2116.9	2113.8
7.5°	2358.2	2344.4	2332.2	2329.2	2312.4	2300.1	2278.7	2236.0	2219.2	2190.2	2173.4
10°	2498.7	2488.0	2474.2	2457.4	2448.3	2426.9	2391.8	2329.2	2298.6	2258.9	2229.9
12.5°	2640.7	2639.2	2608.6	2575.0	2573.5	2539.9	2515.5	2431.5	2390.2	2336.8	2268.1
15°	2730.8	2723.2	2706.4	2689.6	2694.2	2657.5	2602.5	2503.3	2475.8	2411.6	2338.3
17.5°	2729.3	2729.3	2724.7	2721.7	2717.1	2706.4	2675.9	2610.2	2565.9	2484.9	2416.2
20°	2642.2	2662.1	2666.7	2665.2	2680.4	2688.1	2686.5	2645.3	2610.2	2538.4	2468.1
22.5°	2468.1	2514.0	2533.8	2546.0	2578.1	2594.9	2634.6	2619.3	2610.2	2556.7	2497.2
25°	2306.2	2321.5	2381.1	2384.1	2428.4	2469.7	2509.4	2535.3	2568.9	2549.1	2498.7
27.5°	2097.0	2132.1	2174.9	2207.0	2216.1	2300.1	2365.8	2414.7	2491.0	2497.2	2480.4
30°	1860.3	1877.1	1947.3	1990.1	2039.0	2100.1	2194.7	2278.7	2347.5	2410.1	2431.5
32.5°	1571.6	1640.3	1681.6	1733.5	1776.3	1884.7	2000.8	2109.2	2188.6	2294.0	2339.8
35°	1307.4	1360.8	1431.1	1452.5	1530.4	1622.0	1773.2	1912.2	2032.9	2139.8	2232.9
37.5°	1089.0	1131.7	1206.6	1240.2	1286.0	1403.6	1530.4	1703.0	1848.0	1979.4	2095.5
40°	939.3	971.4	1027.9	1038.6	1076.8	1183.7	1286.0	1447.9	1640.3	1817.5	1944.3
42.5°	837.0	852.2	890.4	904.2	928.6	1000.4	1092.0	1244.8	1423.5	1606.7	1785.4
45°	763.7	774.3	797.3	809.5	840.0	872.1	946.9	1069.1	1209.6	1394.4	1586.9
47.5°	698.0	711.7	720.9	728.5	745.3	780.5	829.3	919.4	1053.8	1223.4	1409.7
50°	643.0	647.6	664.4	665.9	676.6	699.5	745.3	800.3	907.2	1044.7	1224.9
52.5°	588.0	592.6	603.3	614.0	618.6	636.9	667.4	713.3	792.7	901.1	1061.5
55°	533.0	539.1	549.8	557.5	562.1	577.3	595.7	639.9	702.6	778.9	910.3
57.5°	478.0	491.8	494.8	499.4	507.1	523.9	540.7	566.6	615.5	685.8	782.0
60°	426.1	430.7	441.4	446.0	453.6	462.8	484.2	504.0	539.1	594.1	681.2
62.5°	372.7	383.4	387.9	392.5	398.6	409.3	423.1	444.4	475.0	519.3	588.0
65°	326.8	328.4	337.5	343.6	349.8	357.4	371.1	391.0	409.3	450.6	501.0
67.5°	282.6	285.6	288.7	294.8	302.4	310.0	322.3	333.0	355.9	383.4	423.1
70°	239.8	239.8	247.4	252.0	250.5	259.6	268.8	281.0	297.8	323.8	355.9
72.5°	201.6	200.1	206.2	207.7	210.8	216.9	223.0	235.2	244.4	264.2	288.7
75°	160.4	163.4	166.5	166.5	171.1	175.6	181.8	187.9	198.6	210.8	229.1
77.5°	126.8	126.8	129.8	131.3	135.9	134.4	140.5	146.6	154.3	164.9	178.7
80°	93.2	96.2	96.2	96.2	97.7	99.3	105.4	110.0	114.5	122.2	128.3
82.5°	65.7	65.7	68.7	68.7	68.7	71.8	71.8	73.3	76.4	80.9	85.5
85°	41.2	41.2	41.2	42.8	41.2	42.8	45.8	44.3	45.8	48.9	48.9
87.5°	19.9	19.9	19.9	19.9	19.9	21.4	19.9	21.4	22.9	22.9	22.9
90°	19.0	18.9	18.8	18.7	18.8	19.1	19.4	19.6	19.9	17.1	14.3
92.5°	18.2	18.2	18.2	18.2	18.1	18.0	17.9	17.7	17.6	17.5	17.3
95°	35.7	36.0	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.1	35.9
97.5°	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.3	55.8
100°	78.1	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.0	77.6
102.5°	102.0	102.1	102.2	102.3	102.2	102.1	102.0	101.8	101.7	101.2	100.7
105°	126.1	126.1	126.1	126.1	126.0	125.7	125.5	125.2	125.0	124.7	124.5
107.5°	149.5	150.2	150.8	151.1	151.0	150.9	150.8	150.6	150.5	150.5	150.5
110°	175.8	176.1	176.5	176.7	176.7	176.7	176.7	176.7	176.7	176.7	176.7

TEST NUMBER: P997944

CATALOG NUMBER: SA2XXDIP-B1005D530UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	201.0	201.3	201.6	201.7	201.9	202.3	202.6	203.0	203.4	203.5	203.6
115°	228.0	228.3	228.7	228.9	229.0	229.1	229.2	229.4	229.5	229.7	230.0
117.5°	253.0	253.3	253.7	253.9	254.1	254.5	254.8	255.2	255.6	256.2	256.9
120°	279.7	280.0	280.4	280.6	280.6	280.6	280.6	280.6	280.6	281.6	282.6
122.5°	305.6	305.8	306.1	306.2	306.4	306.8	307.1	307.5	307.9	308.5	309.1
125°	332.0	332.1	332.2	332.3	332.5	332.9	333.2	333.6	334.0	334.4	334.8
127.5°	356.4	356.7	357.1	357.3	357.6	358.1	358.6	359.1	359.6	360.1	360.6
130°	382.8	383.3	383.8	384.0	384.1	384.4	384.7	384.9	385.2	385.4	385.7
132.5°	407.5	407.9	408.3	408.5	408.8	409.4	410.1	410.7	411.3	411.2	411.0
135°	433.7	434.0	434.4	434.6	434.7	434.8	434.9	435.1	435.2	434.9	434.7
137.5°	457.2	457.7	458.2	458.4	458.5	458.6	458.7	458.9	459.0	458.8	458.5
140°	481.6	482.1	482.6	482.9	482.9	482.9	482.9	482.9	482.9	482.3	481.6
142.5°	503.8	504.3	504.8	505.0	504.9	504.8	504.7	504.6	504.5	504.1	503.7
145°	525.9	526.4	526.9	527.2	527.1	527.0	526.9	526.7	526.6	525.8	525.1
147.5°	545.8	546.3	546.8	547.1	547.0	546.7	546.4	546.2	545.9	545.4	544.9
150°	564.9	565.2	565.6	565.8	565.6	565.2	564.9	564.5	564.1	563.6	563.1
152.5°	583.3	583.8	584.3	584.6	584.3	583.8	583.3	582.8	582.3	581.7	581.0
155°	599.0	599.3	599.7	599.9	599.6	599.0	598.3	597.7	597.1	596.7	596.3
157.5°	613.6	614.3	614.9	615.2	614.8	613.9	613.0	612.2	611.3	611.0	610.8
160°	626.5	627.0	627.5	627.7	627.3	626.6	625.8	625.1	624.3	624.2	624.1
162.5°	638.1	638.7	639.4	639.7	639.3	638.4	637.5	636.6	635.7	635.6	635.4
165°	647.7	648.4	649.0	649.3	648.9	648.0	647.1	646.2	645.3	645.3	645.3
167.5°	656.2	656.9	657.5	657.8	657.4	656.5	655.6	654.8	653.9	653.9	653.9
170°	662.8	663.6	664.3	664.7	664.3	663.4	662.5	661.6	660.7	660.8	661.0
172.5°	667.9	668.7	669.4	669.8	669.4	668.5	667.6	666.7	665.8	665.9	666.1
175°	671.3	672.1	672.8	673.2	672.8	671.9	671.0	670.1	669.2	669.4	669.7
177.5°	673.0	673.8	674.5	674.9	674.5	673.8	673.0	672.3	671.5	671.7	672.0
180°	673.2	673.2	673.2	673.2	673.2	673.2	673.2	673.2	673.2	673.2	673.2

TEST NUMBER: P997944

CATALOG NUMBER: SA2XXDIP-B1005D530UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0
2.5°	2039.0	2031.3	2026.7	2029.8	2020.6	1997.7	1997.7	2005.4	1996.2	1987.0	1973.3
5°	2095.5	2080.2	2071.0	2069.5	2048.1	2011.5	2003.8	1996.2	1976.3	1955.0	1932.0
7.5°	2150.5	2123.0	2107.7	2097.0	2066.5	2019.1	1999.3	1982.5	1950.4	1918.3	1889.3
10°	2196.3	2156.6	2138.2	2121.4	2081.7	2022.2	1990.1	1959.5	1918.3	1877.1	1840.4
12.5°	2232.9	2187.1	2164.2	2139.8	2090.9	2013.0	1973.3	1924.4	1883.2	1828.2	1791.5
15°	2294.0	2199.3	2177.9	2155.0	2104.6	1997.7	1948.9	1893.9	1837.4	1764.0	1724.3
17.5°	2342.9	2216.1	2214.6	2165.7	2100.1	1991.6	1916.8	1845.0	1783.9	1710.6	1648.0
20°	2371.9	2242.1	2217.7	2167.3	2084.8	1950.4	1872.5	1793.1	1727.4	1638.8	1576.2
22.5°	2396.4	2278.7	2214.6	2153.5	2052.7	1936.6	1822.1	1747.2	1657.1	1560.9	1501.3
25°	2405.5	2286.4	2219.2	2148.9	2029.8	1896.9	1767.1	1686.2	1585.3	1498.3	1417.3
27.5°	2407.0	2284.9	2202.4	2129.1	1997.7	1845.0	1712.1	1626.6	1515.1	1414.3	1333.3
30°	2391.8	2268.1	2193.2	2113.8	1967.2	1797.6	1644.9	1550.2	1431.1	1330.3	1246.3
32.5°	2346.0	2234.5	2173.4	2086.3	1927.5	1732.0	1580.8	1475.4	1350.1	1250.9	1169.9
35°	2269.6	2193.2	2126.0	2045.1	1875.5	1670.9	1516.6	1392.9	1266.1	1171.4	1095.1
37.5°	2174.9	2133.7	2071.0	1991.6	1816.0	1615.9	1444.8	1307.4	1180.6	1089.0	1014.1
40°	2046.6	2057.3	1996.2	1924.4	1745.7	1541.1	1351.7	1220.3	1101.2	1015.7	942.4
42.5°	1907.6	1951.9	1916.8	1848.0	1667.8	1458.6	1282.9	1137.8	1021.8	933.2	872.1
45°	1757.9	1834.3	1812.9	1762.5	1586.9	1371.5	1185.2	1044.7	942.4	856.8	803.4
47.5°	1594.5	1703.0	1703.0	1666.3	1496.8	1284.5	1101.2	957.6	856.8	795.7	743.8
50°	1428.0	1550.2	1570.1	1545.6	1396.0	1185.2	998.9	869.0	782.0	722.4	684.2
52.5°	1253.9	1396.0	1432.6	1420.4	1289.1	1090.5	914.9	788.1	708.7	656.7	623.1
55°	1087.4	1252.4	1292.1	1296.7	1174.5	986.6	821.7	710.2	633.8	598.7	569.7
57.5°	930.1	1089.0	1133.3	1140.9	1058.4	892.0	734.6	636.9	568.2	539.1	516.2
60°	795.7	928.6	986.6	1003.4	931.7	782.0	653.7	559.0	507.1	479.6	458.2
62.5°	685.8	792.7	853.8	858.3	826.3	685.8	569.7	490.3	446.0	421.5	410.8
65°	578.9	675.1	711.7	730.1	704.1	594.1	491.8	426.1	391.0	369.6	358.9
67.5°	493.3	554.4	585.0	609.4	583.4	501.0	418.5	365.0	339.1	317.7	311.6
70°	404.7	455.1	478.0	502.5	479.6	417.0	357.4	308.5	285.6	268.8	261.2
72.5°	323.8	363.5	384.9	400.2	386.4	334.5	285.6	252.0	235.2	223.0	218.4
75°	256.6	284.1	296.3	307.0	300.9	261.2	230.6	203.1	187.9	177.2	174.1
77.5°	195.5	215.4	229.1	232.2	224.5	198.6	172.6	155.8	143.6	137.5	134.4
80°	139.0	151.2	158.8	163.4	155.8	145.1	126.8	114.5	103.9	96.2	94.7
82.5°	93.2	99.3	105.4	103.9	100.8	91.6	80.9	74.8	70.3	64.1	64.1
85°	53.5	55.0	58.0	59.6	58.0	51.9	45.8	42.8	39.7	35.1	35.1
87.5°	22.9	24.4	24.4	26.0	22.9	22.9	19.9	16.8	16.8	15.3	13.7
90°	11.6	8.8	7.4	6.6	5.1	3.6	2.1	0.6	2.1	3.6	5.1
92.5°	17.2	17.1	17.0	16.5	15.5	14.5	13.5	12.5	13.5	14.5	15.5
95°	35.6	35.3	35.2	34.6	33.3	32.0	30.8	29.5	30.8	32.0	33.3
97.5°	55.3	54.8	54.5	53.9	52.8	51.7	50.5	49.4	50.5	51.7	52.8
100°	77.3	76.9	76.7	76.2	75.2	74.1	73.1	72.1	73.1	74.1	75.2
102.5°	100.2	99.7	99.4	99.0	98.3	97.5	96.8	96.0	96.8	97.5	98.3
105°	124.2	123.9	123.8	123.6	123.2	122.9	122.5	122.1	122.5	122.9	123.2
107.5°	150.5	150.5	150.5	150.3	149.8	149.3	148.8	148.3	148.8	149.3	149.8
110°	176.7	176.7	176.7	176.3	175.6	174.8	174.1	173.3	174.1	174.8	175.6

TEST NUMBER: P997944

CATALOG NUMBER: SA2XXDIP-B1005D530UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	203.7	203.8	203.9	203.5	202.8	202.0	201.3	200.5	201.3	202.0	202.8
115°	230.2	230.5	230.6	230.2	229.5	228.7	228.0	227.2	228.0	228.7	229.5
117.5°	257.5	258.2	258.5	258.0	257.0	255.9	254.9	253.9	254.9	255.9	257.0
120°	283.7	284.7	285.2	284.7	283.7	282.6	281.6	280.6	281.6	282.6	283.7
122.5°	309.8	310.4	310.7	310.1	308.8	307.6	306.3	305.1	306.3	307.6	308.8
125°	335.1	335.5	335.7	335.1	334.0	332.9	331.7	330.6	331.7	332.9	334.0
127.5°	361.1	361.6	361.9	361.2	359.8	358.4	357.0	355.6	357.0	358.4	359.8
130°	385.9	386.2	386.3	385.5	383.8	382.2	380.5	378.9	380.5	382.2	383.8
132.5°	410.9	410.8	410.7	410.1	408.8	407.5	406.3	405.0	406.3	407.5	408.8
135°	434.4	434.1	434.0	433.3	431.9	430.6	429.2	427.8	429.2	430.6	431.9
137.5°	458.3	458.0	457.9	457.3	456.2	455.1	453.9	452.8	453.9	455.1	456.2
140°	481.0	480.3	480.0	479.4	478.3	477.2	476.0	474.9	476.0	477.2	478.3
142.5°	503.4	503.0	502.8	502.2	501.1	499.9	498.8	497.6	498.8	499.9	501.1
145°	524.3	523.6	523.2	522.8	521.9	521.0	520.1	519.2	520.1	521.0	521.9
147.5°	544.4	543.9	543.7	543.1	542.0	540.8	539.7	538.5	539.7	540.8	542.0
150°	562.6	562.1	561.8	561.4	560.7	559.9	559.2	558.4	559.2	559.9	560.7
152.5°	580.4	579.7	579.4	579.0	578.3	577.5	576.8	576.0	576.8	577.5	578.3
155°	596.0	595.6	595.4	595.2	594.8	594.4	594.0	593.6	594.0	594.4	594.8
157.5°	610.5	610.2	610.1	610.0	609.7	609.5	609.2	609.0	609.2	609.5	609.7
160°	624.0	623.9	623.8	623.7	623.4	623.1	622.9	622.6	622.9	623.1	623.4
162.5°	635.3	635.2	635.1	635.1	635.1	635.1	635.1	635.1	635.1	635.1	635.1
165°	645.3	645.3	645.3	645.4	645.5	645.6	645.8	645.9	645.8	645.6	645.5
167.5°	653.9	653.9	653.9	654.1	654.5	654.8	655.2	655.6	655.2	654.8	654.5
170°	661.1	661.2	661.3	661.5	661.9	662.2	662.6	663.0	662.6	662.2	661.9
172.5°	666.2	666.3	666.4	666.6	667.0	667.3	667.7	668.1	667.7	667.3	667.0
175°	669.9	670.2	670.3	670.5	670.9	671.2	671.6	672.0	671.6	671.2	670.9
177.5°	672.2	672.5	672.6	672.8	673.2	673.5	673.9	674.3	673.9	673.5	673.2
180°	673.2	673.2	673.2	673.2	673.2	673.2	673.2	673.2	673.2	673.2	673.2

TEST NUMBER: P997944

CATALOG NUMBER: SA2XXDIP-B1005D530UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0
2.5°	1965.7	1973.3	1971.8	1956.5	1939.7	1925.9	1900.0	1903.0	1893.9	1895.4	1904.6
5°	1916.8	1916.8	1910.7	1889.3	1861.8	1846.5	1817.5	1809.9	1791.5	1790.0	1788.5
7.5°	1864.8	1857.2	1849.6	1819.0	1785.4	1761.0	1721.3	1712.1	1693.8	1681.6	1675.5
10°	1803.8	1793.1	1777.8	1742.7	1701.4	1670.9	1629.6	1617.4	1582.3	1567.0	1557.9
12.5°	1736.6	1730.4	1706.0	1677.0	1609.8	1576.2	1516.6	1528.8	1493.7	1463.2	1458.6
15°	1669.4	1646.4	1632.7	1585.3	1504.4	1489.1	1441.8	1417.3	1385.3	1360.8	1360.8
17.5°	1603.7	1568.5	1538.0	1487.6	1428.0	1385.3	1350.1	1337.9	1298.2	1273.8	1269.2
20°	1516.6	1476.9	1469.3	1397.5	1356.3	1308.9	1275.3	1244.8	1215.7	1205.0	1197.4
22.5°	1434.1	1388.3	1376.1	1315.0	1273.8	1226.4	1192.8	1171.4	1150.1	1142.4	1128.7
25°	1345.6	1318.1	1299.7	1234.1	1188.2	1144.0	1121.0	1105.8	1085.9	1084.4	1075.2
27.5°	1260.0	1234.1	1215.7	1153.1	1119.5	1078.3	1060.0	1043.2	1032.5	1027.9	1023.3
30°	1186.7	1157.7	1136.3	1090.5	1049.3	1015.7	1000.4	989.7	983.6	976.0	974.4
32.5°	1105.8	1089.0	1060.0	1024.8	992.8	960.7	951.5	943.9	934.7	931.7	930.1
35°	1037.0	1014.1	995.8	956.1	942.4	914.9	904.2	898.1	885.8	882.8	879.7
37.5°	969.8	948.5	928.6	904.2	878.2	862.9	856.8	847.7	841.5	843.1	840.0
40°	902.6	885.8	870.6	844.6	829.3	821.7	809.5	800.3	797.3	798.8	797.3
42.5°	837.0	821.7	812.5	792.7	777.4	769.8	762.1	753.0	757.5	757.5	762.1
45°	777.4	763.7	757.5	742.3	733.1	720.9	713.3	711.7	717.8	716.3	716.3
47.5°	716.3	711.7	704.1	690.3	678.1	670.5	669.0	669.0	675.1	678.1	676.6
50°	669.0	659.8	650.6	639.9	630.8	627.7	623.1	626.2	632.3	632.3	635.4
52.5°	609.4	603.3	600.2	591.1	585.0	585.0	585.0	586.5	591.1	595.7	594.1
55°	557.5	552.9	549.8	545.3	537.6	539.1	537.6	540.7	545.3	549.8	552.9
57.5°	502.5	501.0	497.9	490.3	490.3	488.7	493.3	494.8	502.5	505.5	510.1
60°	453.6	449.0	449.0	442.9	442.9	442.9	447.5	452.1	458.2	459.7	462.8
62.5°	401.7	401.7	400.2	395.6	395.6	400.2	401.7	407.8	410.8	410.8	415.4
65°	352.8	351.3	349.8	351.3	352.8	352.8	357.4	360.4	363.5	365.0	366.6
67.5°	303.9	302.4	305.5	303.9	307.0	313.1	311.6	316.2	320.7	320.7	322.3
70°	258.1	261.2	259.6	262.7	261.2	264.2	268.8	270.3	270.3	271.9	276.4
72.5°	215.4	215.4	215.4	213.8	215.4	218.4	221.5	223.0	226.0	227.6	232.2
75°	174.1	174.1	171.1	174.1	174.1	177.2	180.2	180.2	180.2	183.3	187.9
77.5°	131.3	132.9	131.3	134.4	134.4	135.9	139.0	137.5	140.5	142.0	143.6
80°	96.2	94.7	94.7	94.7	96.2	96.2	99.3	100.8	100.8	105.4	102.3
82.5°	61.1	62.6	61.1	62.6	62.6	64.1	62.6	64.1	65.7	68.7	67.2
85°	35.1	33.6	33.6	35.1	33.6	33.6	35.1	33.6	35.1	33.6	35.1
87.5°	13.7	12.2	12.2	12.2	12.2	10.7	10.7	9.2	9.2	9.2	7.6
90°	6.6	7.4	8.8	11.6	14.3	17.1	19.9	19.6	19.4	19.1	18.8
92.5°	16.5	17.0	17.1	17.2	17.3	17.5	17.6	17.7	17.9	18.0	18.1
95°	34.6	35.2	35.3	35.6	35.9	36.1	36.4	36.4	36.4	36.4	36.4
97.5°	53.9	54.5	54.8	55.3	55.8	56.3	56.8	56.8	56.8	56.8	56.8
100°	76.2	76.7	76.9	77.3	77.6	78.0	78.4	78.4	78.4	78.4	78.4
102.5°	99.0	99.4	99.7	100.2	100.7	101.2	101.7	101.8	102.0	102.1	102.2
105°	123.6	123.8	123.9	124.2	124.5	124.7	125.0	125.2	125.5	125.7	126.0
107.5°	150.3	150.5	150.5	150.5	150.5	150.5	150.5	150.6	150.8	150.9	151.0
110°	176.3	176.7	176.7	176.7	176.7	176.7	176.7	176.7	176.7	176.7	176.7

TEST NUMBER: P997944

CATALOG NUMBER: SA2XXDIP-B1005D530UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	203.5	203.9	203.8	203.7	203.6	203.5	203.4	203.0	202.6	202.3	201.9
115°	230.2	230.6	230.5	230.2	230.0	229.7	229.5	229.4	229.2	229.1	229.0
117.5°	258.0	258.5	258.2	257.5	256.9	256.2	255.6	255.2	254.8	254.5	254.1
120°	284.7	285.2	284.7	283.7	282.6	281.6	280.6	280.6	280.6	280.6	280.6
122.5°	310.1	310.7	310.4	309.8	309.1	308.5	307.9	307.5	307.1	306.8	306.4
125°	335.1	335.7	335.5	335.1	334.8	334.4	334.0	333.6	333.2	332.9	332.5
127.5°	361.2	361.9	361.6	361.1	360.6	360.1	359.6	359.1	358.6	358.1	357.6
130°	385.5	386.3	386.2	385.9	385.7	385.4	385.2	384.9	384.7	384.4	384.1
132.5°	410.1	410.7	410.8	410.9	411.0	411.2	411.3	410.7	410.1	409.4	408.8
135°	433.3	434.0	434.1	434.4	434.7	434.9	435.2	435.1	434.9	434.8	434.7
137.5°	457.3	457.9	458.0	458.3	458.5	458.8	459.0	458.9	458.7	458.6	458.5
140°	479.4	480.0	480.3	481.0	481.6	482.3	482.9	482.9	482.9	482.9	482.9
142.5°	502.2	502.8	503.0	503.4	503.7	504.1	504.5	504.6	504.7	504.8	504.9
145°	522.8	523.2	523.6	524.3	525.1	525.8	526.6	526.7	526.9	527.0	527.1
147.5°	543.1	543.7	543.9	544.4	544.9	545.4	545.9	546.2	546.4	546.7	547.0
150°	561.4	561.8	562.1	562.6	563.1	563.6	564.1	564.5	564.9	565.2	565.6
152.5°	579.0	579.4	579.7	580.4	581.0	581.7	582.3	582.8	583.3	583.8	584.3
155°	595.2	595.4	595.6	596.0	596.3	596.7	597.1	597.7	598.3	599.0	599.6
157.5°	610.0	610.1	610.2	610.5	610.8	611.0	611.3	612.2	613.0	613.9	614.8
160°	623.7	623.8	623.9	624.0	624.1	624.2	624.3	625.1	625.8	626.6	627.3
162.5°	635.1	635.1	635.2	635.3	635.4	635.6	635.7	636.6	637.5	638.4	639.3
165°	645.4	645.3	645.3	645.3	645.3	645.3	645.3	646.2	647.1	648.0	648.9
167.5°	654.1	653.9	653.9	653.9	653.9	653.9	653.9	654.8	655.6	656.5	657.4
170°	661.5	661.3	661.2	661.1	661.0	660.8	660.7	661.6	662.5	663.4	664.3
172.5°	666.6	666.4	666.3	666.2	666.1	665.9	665.8	666.7	667.6	668.5	669.4
175°	670.5	670.3	670.2	669.9	669.7	669.4	669.2	670.1	671.0	671.9	672.8
177.5°	672.8	672.6	672.5	672.2	672.0	671.7	671.5	672.3	673.0	673.8	674.5
180°	673.2	673.2	673.2	673.2	673.2	673.2	673.2	673.2	673.2	673.2	673.2

TEST NUMBER: P997944

CATALOG NUMBER: SA2XXDIP-B1005D530UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0
2.5°	1893.9	1898.4	1887.8	1884.7	1887.8	1877.1	1880.1	1883.2	1883.2	1887.8	1890.8
5°	1783.9	1777.8	1767.1	1764.0	1761.0	1765.6	1762.5	1767.1	1768.6	1779.3	1780.8
7.5°	1675.5	1666.3	1657.1	1648.0	1644.9	1637.3	1644.9	1644.9	1655.6	1652.6	1660.2
10°	1547.2	1545.6	1533.4	1528.8	1522.7	1510.5	1527.3	1522.7	1530.4	1544.1	1547.2
12.5°	1452.5	1435.7	1443.3	1421.9	1429.6	1417.3	1418.9	1418.9	1431.1	1432.6	1429.6
15°	1362.4	1348.6	1328.8	1319.6	1315.0	1308.9	1328.8	1330.3	1321.1	1342.5	1334.9
17.5°	1270.7	1270.7	1252.4	1247.8	1235.6	1241.7	1238.7	1240.2	1237.1	1252.4	1260.0
20°	1191.3	1183.7	1177.6	1179.1	1163.8	1160.8	1157.7	1160.8	1171.4	1182.1	1185.2
22.5°	1127.2	1122.6	1107.3	1110.4	1098.1	1102.7	1099.7	1107.3	1108.8	1108.8	1119.5
25°	1066.1	1060.0	1061.5	1055.4	1050.8	1050.8	1046.2	1050.8	1056.9	1060.0	1061.5
27.5°	1020.2	1015.7	1008.0	1003.4	1006.5	998.9	1005.0	1009.6	1009.6	1006.5	1009.6
30°	965.3	968.3	968.3	953.0	959.2	956.1	960.7	963.7	963.7	965.3	962.2
32.5°	928.6	919.4	917.9	916.4	916.4	910.3	910.3	914.9	916.4	917.9	922.5
35°	879.7	879.7	872.1	876.7	870.6	872.1	870.6	872.1	875.1	870.6	875.1
37.5°	835.4	837.0	833.9	837.0	838.5	835.4	832.4	838.5	835.4	835.4	832.4
40°	797.3	795.7	797.3	797.3	797.3	798.8	795.7	795.7	795.7	792.7	789.6
42.5°	765.2	756.0	759.1	760.6	756.0	756.0	757.5	756.0	760.6	751.4	751.4
45°	719.4	716.3	717.8	717.8	720.9	716.3	719.4	720.9	716.3	714.8	711.7
47.5°	678.1	681.2	678.1	681.2	681.2	684.2	678.1	679.7	681.2	675.1	670.5
50°	636.9	636.9	641.5	639.9	641.5	638.4	638.4	636.9	638.4	635.4	630.8
52.5°	598.7	594.1	601.8	600.2	598.7	597.2	595.7	597.2	594.1	591.1	591.1
55°	551.4	551.4	555.9	557.5	557.5	554.4	551.4	552.9	551.4	549.8	548.3
57.5°	513.2	507.1	510.1	511.6	511.6	507.1	510.1	507.1	507.1	508.6	504.0
60°	464.3	464.3	461.2	465.8	465.8	462.8	462.8	464.3	461.2	459.7	458.2
62.5°	412.4	413.9	418.5	420.0	421.5	418.5	415.4	417.0	417.0	412.4	413.9
65°	368.1	371.1	377.2	375.7	372.7	374.2	371.1	372.7	368.1	369.6	365.0
67.5°	325.3	323.8	325.3	325.3	328.4	326.8	323.8	323.8	322.3	326.8	322.3
70°	279.5	279.5	279.5	279.5	281.0	282.6	279.5	276.4	278.0	274.9	273.4
72.5°	232.2	233.7	232.2	235.2	230.6	233.7	233.7	232.2	230.6	230.6	230.6
75°	187.9	190.9	186.3	187.9	186.3	189.4	187.9	187.9	184.8	183.3	184.8
77.5°	143.6	145.1	142.0	143.6	142.0	143.6	143.6	142.0	142.0	142.0	142.0
80°	102.3	103.9	102.3	100.8	99.3	102.3	99.3	100.8	102.3	100.8	103.9
82.5°	65.7	65.7	64.1	65.7	62.6	62.6	64.1	64.1	62.6	65.7	62.6
85°	32.1	32.1	35.1	32.1	30.5	30.5	30.5	32.1	30.5	33.6	32.1
87.5°	7.6	6.1	7.6	7.6	6.1	6.1	7.6	6.1	7.6	9.2	6.1
90°	18.7	18.8	18.9	19.0	19.2	19.3	19.2	19.0	18.9	18.8	18.7
92.5°	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
95°	36.4	36.3	36.0	35.7	35.5	35.2	35.5	35.7	36.0	36.3	36.4
97.5°	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
100°	78.4	78.3	78.2	78.1	77.9	77.8	77.9	78.1	78.2	78.3	78.4
102.5°	102.3	102.2	102.1	102.0	101.8	101.7	101.8	102.0	102.1	102.2	102.3
105°	126.1	126.1	126.1	126.1	126.1	126.1	126.1	126.1	126.1	126.1	126.1
107.5°	151.1	150.8	150.2	149.5	148.9	148.3	148.9	149.5	150.2	150.8	151.1
110°	176.7	176.5	176.1	175.8	175.4	175.0	175.4	175.8	176.1	176.5	176.7

TEST NUMBER: P997944

CATALOG NUMBER: SA2XXDIP-B1005D530UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	201.7	201.6	201.3	201.0	200.8	200.5	200.8	201.0	201.3	201.6	201.7
115°	228.9	228.7	228.3	228.0	227.6	227.2	227.6	228.0	228.3	228.7	228.9
117.5°	253.9	253.7	253.3	253.0	252.6	252.2	252.6	253.0	253.3	253.7	253.9
120°	280.6	280.4	280.0	279.7	279.3	278.9	279.3	279.7	280.0	280.4	280.6
122.5°	306.2	306.1	305.8	305.6	305.3	305.1	305.3	305.6	305.8	306.1	306.2
125°	332.3	332.2	332.1	332.0	331.9	331.8	331.9	332.0	332.1	332.2	332.3
127.5°	357.3	357.1	356.7	356.4	356.0	355.6	356.0	356.4	356.7	357.1	357.3
130°	384.0	383.8	383.3	382.8	382.3	381.8	382.3	382.8	383.3	383.8	384.0
132.5°	408.5	408.3	407.9	407.5	407.1	406.7	407.1	407.5	407.9	408.3	408.5
135°	434.6	434.4	434.0	433.7	433.3	432.9	433.3	433.7	434.0	434.4	434.6
137.5°	458.4	458.2	457.7	457.2	456.7	456.2	456.7	457.2	457.7	458.2	458.4
140°	482.9	482.6	482.1	481.6	481.1	480.6	481.1	481.6	482.1	482.6	482.9
142.5°	505.0	504.8	504.3	503.8	503.3	502.8	503.3	503.8	504.3	504.8	505.0
145°	527.2	526.9	526.4	525.9	525.4	524.9	525.4	525.9	526.4	526.9	527.2
147.5°	547.1	546.8	546.3	545.8	545.3	544.8	545.3	545.8	546.3	546.8	547.1
150°	565.8	565.6	565.2	564.9	564.5	564.1	564.5	564.9	565.2	565.6	565.8
152.5°	584.6	584.3	583.8	583.3	582.8	582.3	582.8	583.3	583.8	584.3	584.6
155°	599.9	599.7	599.3	599.0	598.6	598.2	598.6	599.0	599.3	599.7	599.9
157.5°	615.2	614.9	614.3	613.6	613.0	612.4	613.0	613.6	614.3	614.9	615.2
160°	627.7	627.5	627.0	626.5	626.0	625.5	626.0	626.5	627.0	627.5	627.7
162.5°	639.7	639.4	638.7	638.1	637.4	636.8	637.4	638.1	638.7	639.4	639.7
165°	649.3	649.0	648.4	647.7	647.1	646.5	647.1	647.7	648.4	649.0	649.3
167.5°	657.8	657.5	656.9	656.2	655.6	655.0	655.6	656.2	656.9	657.5	657.8
170°	664.7	664.3	663.6	662.8	662.1	661.3	662.1	662.8	663.6	664.3	664.7
172.5°	669.8	669.4	668.7	667.9	667.2	666.4	667.2	667.9	668.7	669.4	669.8
175°	673.2	672.8	672.1	671.3	670.6	669.8	670.6	671.3	672.1	672.8	673.2
177.5°	674.9	674.5	673.8	673.0	672.3	671.5	672.3	673.0	673.8	674.5	674.9
180°	673.2	673.2	673.2	673.2	673.2	673.2	673.2	673.2	673.2	673.2	673.2

TEST NUMBER: P997944

CATALOG NUMBER: SA2XXDIP-B1005D530UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0
2.5°	1886.2	1898.4	1893.9	1877.1	1896.9	1896.9	1910.7	1910.7	1927.5	1933.6	1942.7
5°	1779.3	1788.5	1796.1	1788.5	1802.2	1823.6	1835.8	1846.5	1869.4	1878.6	1892.3
7.5°	1664.8	1681.6	1689.2	1689.2	1712.1	1736.6	1761.0	1776.3	1808.3	1820.6	1834.3
10°	1553.3	1573.1	1588.4	1586.9	1625.1	1640.3	1670.9	1706.0	1738.1	1756.4	1776.3
12.5°	1435.7	1446.4	1467.7	1498.3	1507.5	1534.9	1570.1	1614.4	1672.4	1689.2	1718.2
15°	1337.9	1366.9	1383.7	1397.5	1418.9	1444.8	1483.0	1525.8	1583.8	1620.5	1651.0
17.5°	1255.5	1293.6	1304.3	1301.3	1328.8	1368.5	1412.8	1444.8	1496.8	1541.1	1570.1
20°	1188.2	1203.5	1221.8	1229.5	1250.9	1293.6	1336.4	1373.1	1415.8	1450.9	1484.5
22.5°	1121.0	1133.3	1148.5	1162.3	1179.1	1203.5	1244.8	1290.6	1331.8	1365.4	1403.6
25°	1066.1	1073.7	1087.4	1098.1	1116.5	1133.3	1162.3	1212.7	1261.6	1281.4	1315.0
27.5°	1012.6	1018.7	1027.9	1040.1	1049.3	1066.1	1092.0	1133.3	1183.7	1203.5	1249.3
30°	965.3	969.8	979.0	985.1	989.7	1009.6	1029.4	1061.5	1099.7	1127.2	1160.8
32.5°	921.0	925.6	934.7	936.2	942.4	953.0	971.4	1000.4	1034.0	1056.9	1085.9
35°	872.1	875.1	884.3	887.4	892.0	901.1	914.9	936.2	966.8	983.6	1009.6
37.5°	833.9	832.4	838.5	843.1	849.2	853.8	858.3	879.7	902.6	917.9	937.8
40°	792.7	789.6	791.1	797.3	800.3	806.4	806.4	827.8	843.1	855.3	870.6
42.5°	751.4	749.9	746.9	749.9	753.0	754.5	756.0	771.3	786.6	797.3	814.1
45°	710.2	708.7	705.6	707.1	707.1	710.2	714.8	720.9	731.6	740.7	749.9
47.5°	672.0	669.0	664.4	662.9	665.9	665.9	665.9	672.0	682.7	685.8	694.9
50°	632.3	627.7	621.6	618.6	618.6	617.0	620.1	621.6	630.8	633.8	641.5
52.5°	589.5	586.5	580.4	574.3	575.8	572.7	574.3	575.8	578.9	583.4	588.0
55°	546.8	540.7	536.1	534.6	530.0	530.0	525.4	531.5	530.0	531.5	537.6
57.5°	505.5	499.4	491.8	488.7	484.2	482.6	479.6	478.0	479.6	484.2	488.7
60°	456.7	453.6	449.0	444.4	441.4	436.8	433.8	433.8	432.2	432.2	433.8
62.5°	409.3	407.8	401.7	400.2	397.1	394.0	389.5	386.4	386.4	389.5	391.0
65°	363.5	362.0	357.4	355.9	348.2	345.2	343.6	342.1	339.1	339.1	339.1
67.5°	320.7	316.2	316.2	308.5	302.4	299.4	296.3	294.8	294.8	294.8	296.3
70°	273.4	273.4	268.8	264.2	258.1	259.6	255.1	250.5	250.5	247.4	249.0
72.5°	227.6	226.0	221.5	219.9	215.4	210.8	207.7	210.8	206.2	204.7	206.2
75°	183.3	181.8	178.7	175.6	177.2	172.6	168.0	166.5	166.5	163.4	163.4
77.5°	140.5	143.6	137.5	135.9	132.9	129.8	128.3	126.8	126.8	126.8	129.8
80°	97.7	99.3	99.3	96.2	97.7	93.2	93.2	93.2	88.6	90.1	91.6
82.5°	62.6	62.6	61.1	62.6	61.1	61.1	59.6	59.6	58.0	58.0	59.6
85°	35.1	33.6	32.1	35.1	33.6	33.6	32.1	32.1	32.1	32.1	32.1
87.5°	7.6	9.2	9.2	9.2	9.2	10.7	10.7	10.7	12.2	12.2	12.2
90°	18.8	19.1	19.4	19.6	19.9	17.1	14.3	11.6	8.8	7.4	6.6
92.5°	18.1	18.0	17.9	17.7	17.6	17.5	17.3	17.2	17.1	17.0	16.5
95°	36.4	36.4	36.4	36.4	36.4	36.1	35.9	35.6	35.3	35.2	34.6
97.5°	56.8	56.8	56.8	56.8	56.8	56.3	55.8	55.3	54.8	54.5	53.9
100°	78.4	78.4	78.4	78.4	78.4	78.0	77.6	77.3	76.9	76.7	76.2
102.5°	102.2	102.1	102.0	101.8	101.7	101.2	100.7	100.2	99.7	99.4	99.0
105°	126.0	125.7	125.5	125.2	125.0	124.7	124.5	124.2	123.9	123.8	123.6
107.5°	151.0	150.9	150.8	150.6	150.5	150.5	150.5	150.5	150.5	150.5	150.3
110°	176.7	176.7	176.7	176.7	176.7	176.7	176.7	176.7	176.7	176.7	176.3

TEST NUMBER: P997944

CATALOG NUMBER: SA2XXDIP-B1005D530UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	201.9	202.3	202.6	203.0	203.4	203.5	203.6	203.7	203.8	203.9	203.5
115°	229.0	229.1	229.2	229.4	229.5	229.7	230.0	230.2	230.5	230.6	230.2
117.5°	254.1	254.5	254.8	255.2	255.6	256.2	256.9	257.5	258.2	258.5	258.0
120°	280.6	280.6	280.6	280.6	280.6	281.6	282.6	283.7	284.7	285.2	284.7
122.5°	306.4	306.8	307.1	307.5	307.9	308.5	309.1	309.8	310.4	310.7	310.1
125°	332.5	332.9	333.2	333.6	334.0	334.4	334.8	335.1	335.5	335.7	335.1
127.5°	357.6	358.1	358.6	359.1	359.6	360.1	360.6	361.1	361.6	361.9	361.2
130°	384.1	384.4	384.7	384.9	385.2	385.4	385.7	385.9	386.2	386.3	385.5
132.5°	408.8	409.4	410.1	410.7	411.3	411.2	411.0	410.9	410.8	410.7	410.1
135°	434.7	434.8	434.9	435.1	435.2	434.9	434.7	434.4	434.1	434.0	433.3
137.5°	458.5	458.6	458.7	458.9	459.0	458.8	458.5	458.3	458.0	457.9	457.3
140°	482.9	482.9	482.9	482.9	482.9	482.3	481.6	481.0	480.3	480.0	479.4
142.5°	504.9	504.8	504.7	504.6	504.5	504.1	503.7	503.4	503.0	502.8	502.2
145°	527.1	527.0	526.9	526.7	526.6	525.8	525.1	524.3	523.6	523.2	522.8
147.5°	547.0	546.7	546.4	546.2	545.9	545.4	544.9	544.4	543.9	543.7	543.1
150°	565.6	565.2	564.9	564.5	564.1	563.6	563.1	562.6	562.1	561.8	561.4
152.5°	584.3	583.8	583.3	582.8	582.3	581.7	581.0	580.4	579.7	579.4	579.0
155°	599.6	599.0	598.3	597.7	597.1	596.7	596.3	596.0	595.6	595.4	595.2
157.5°	614.8	613.9	613.0	612.2	611.3	611.0	610.8	610.5	610.2	610.1	610.0
160°	627.3	626.6	625.8	625.1	624.3	624.2	624.1	624.0	623.9	623.8	623.7
162.5°	639.3	638.4	637.5	636.6	635.7	635.6	635.4	635.3	635.2	635.1	635.1
165°	648.9	648.0	647.1	646.2	645.3	645.3	645.3	645.3	645.3	645.3	645.4
167.5°	657.4	656.5	655.6	654.8	653.9	653.9	653.9	653.9	653.9	653.9	654.1
170°	664.3	663.4	662.5	661.6	660.7	660.8	661.0	661.1	661.2	661.3	661.5
172.5°	669.4	668.5	667.6	666.7	665.8	665.9	666.1	666.2	666.3	666.4	666.6
175°	672.8	671.9	671.0	670.1	669.2	669.4	669.7	669.9	670.2	670.3	670.5
177.5°	674.5	673.8	673.0	672.3	671.5	671.7	672.0	672.2	672.5	672.6	672.8
180°	673.2	673.2	673.2	673.2	673.2	673.2	673.2	673.2	673.2	673.2	673.2

TEST NUMBER: P997944

CATALOG NUMBER: SA2XXDIP-B1005D530UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1987.0	1987.0	1987.0	1987.0
2.5°	1950.4	1950.4	1973.3	1997.7
5°	1907.6	1918.3	1955.0	1988.6
7.5°	1866.4	1884.7	1930.5	1973.3
10°	1816.0	1840.4	1896.9	1947.3
12.5°	1767.1	1790.0	1855.7	1912.2
15°	1698.4	1727.4	1797.6	1867.9
17.5°	1629.6	1658.7	1744.2	1826.7
20°	1548.7	1586.9	1683.1	1793.1
22.5°	1473.9	1521.2	1628.1	1716.7
25°	1391.4	1464.7	1564.0	1678.5
27.5°	1318.1	1391.4	1492.2	1608.3
30°	1235.6	1310.4	1414.3	1521.2
32.5°	1156.2	1224.9	1325.7	1457.1
35°	1073.7	1139.4	1237.1	1370.0
37.5°	998.9	1063.0	1169.9	1292.1
40°	925.6	992.8	1084.4	1206.6
42.5°	856.8	916.4	998.9	1121.0
45°	794.2	837.0	913.3	1027.9
47.5°	728.5	766.7	837.0	951.5
50°	667.4	699.5	760.6	867.5
52.5°	607.9	635.4	691.9	777.4
55°	554.4	580.4	621.6	705.6
57.5°	499.4	519.3	559.0	626.2
60°	446.0	464.3	496.4	551.4
62.5°	392.5	407.8	438.3	482.6
65°	345.2	357.4	380.3	418.5
67.5°	299.4	307.0	325.3	355.9
70°	255.1	261.2	276.4	300.9
72.5°	207.7	213.8	230.6	247.4
75°	168.0	169.5	181.8	195.5
77.5°	131.3	129.8	139.0	149.7
80°	90.1	94.7	102.3	106.9
82.5°	61.1	62.6	65.7	68.7
85°	33.6	35.1	35.1	39.7
87.5°	13.7	15.3	15.3	16.8
90°	5.1	3.6	2.1	0.6
92.5°	15.5	14.5	13.5	12.5
95°	33.3	32.0	30.8	29.5
97.5°	52.8	51.7	50.5	49.4
100°	75.2	74.1	73.1	72.1
102.5°	98.3	97.5	96.8	96.0
105°	123.2	122.9	122.5	122.1
107.5°	149.8	149.3	148.8	148.3
110°	175.6	174.8	174.1	173.3

TEST NUMBER: P997944

CATALOG NUMBER: SA2XXDIP-B1005D530UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	202.8	202.0	201.3	200.5
115°	229.5	228.7	228.0	227.2
117.5°	257.0	255.9	254.9	253.9
120°	283.7	282.6	281.6	280.6
122.5°	308.8	307.6	306.3	305.1
125°	334.0	332.9	331.7	330.6
127.5°	359.8	358.4	357.0	355.6
130°	383.8	382.2	380.5	378.9
132.5°	408.8	407.5	406.3	405.0
135°	431.9	430.6	429.2	427.8
137.5°	456.2	455.1	453.9	452.8
140°	478.3	477.2	476.0	474.9
142.5°	501.1	499.9	498.8	497.6
145°	521.9	521.0	520.1	519.2
147.5°	542.0	540.8	539.7	538.5
150°	560.7	559.9	559.2	558.4
152.5°	578.3	577.5	576.8	576.0
155°	594.8	594.4	594.0	593.6
157.5°	609.7	609.5	609.2	609.0
160°	623.4	623.1	622.9	622.6
162.5°	635.1	635.1	635.1	635.1
165°	645.5	645.6	645.8	645.9
167.5°	654.5	654.8	655.2	655.6
170°	661.9	662.2	662.6	663.0
172.5°	667.0	667.3	667.7	668.1
175°	670.9	671.2	671.6	672.0
177.5°	673.2	673.5	673.9	674.3
180°	673.2	673.2	673.2	673.2

TEST NUMBER: P997944

CATALOG NUMBER: SA2XXDIP-B1005D530UB40-4F0-XX-W2A-A1

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	19.52	20.54	20.29	21.33	22.28	17.01	18.03	17.78	18.82	19.78
	3H	20.34	21.26	21.13	22.05	23.04	18.37	19.28	19.15	20.08	21.07
	4H	20.52	21.38	21.32	22.19	23.18	18.84	19.70	19.64	20.51	21.50
	6H	20.57	21.36	21.39	22.18	23.19	19.15	19.95	19.97	20.76	21.77
	8H	20.55	21.31	21.38	22.14	23.16	19.24	20.00	20.06	20.83	21.84
	12H	20.52	21.24	21.35	22.07	23.11	19.29	20.01	20.12	20.83	21.87
4H	2H	19.58	20.44	20.38	21.25	22.25	17.47	18.34	18.28	19.14	20.14
	3H	20.57	21.29	21.39	22.13	23.14	18.95	19.67	19.77	20.51	21.52
	4H	20.86	21.51	21.69	22.35	23.39	19.49	20.14	20.32	20.98	22.02
	6H	20.99	21.56	21.84	22.42	23.47	19.88	20.44	20.73	21.30	22.35
	8H	21.00	21.52	21.85	22.38	23.44	19.99	20.52	20.84	21.38	22.44
	12H	20.97	21.44	21.84	22.32	23.38	20.06	20.53	20.93	21.41	22.47
8H	4H	20.88	21.40	21.73	22.26	23.32	19.64	20.17	20.50	21.03	22.09
	6H	21.06	21.49	21.94	22.39	23.45	20.09	20.52	20.97	21.42	22.48
	8H	21.09	21.47	21.98	22.37	23.45	20.24	20.62	21.13	21.52	22.59
	12H	21.08	21.42	21.98	22.31	23.44	20.34	20.67	21.23	21.56	22.69
12H	4H	20.84	21.31	21.71	22.19	23.26	19.63	20.10	20.50	20.98	22.04
	6H	21.04	21.42	21.93	22.32	23.40	20.09	20.47	20.98	21.37	22.44
	8H	21.08	21.42	21.97	22.30	23.44	20.25	20.59	21.14	21.48	22.61