

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: P997935

Luminaire Tested: SA2XXDIP-B1005D530UB35-4F0-XX-W2A-A1

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P997935
REPORT IS A COMBINATION OF REPORTS P983672 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXDIP-B1005D530UB35-4F0-XX-W2A-A1
Description: Define 2 Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

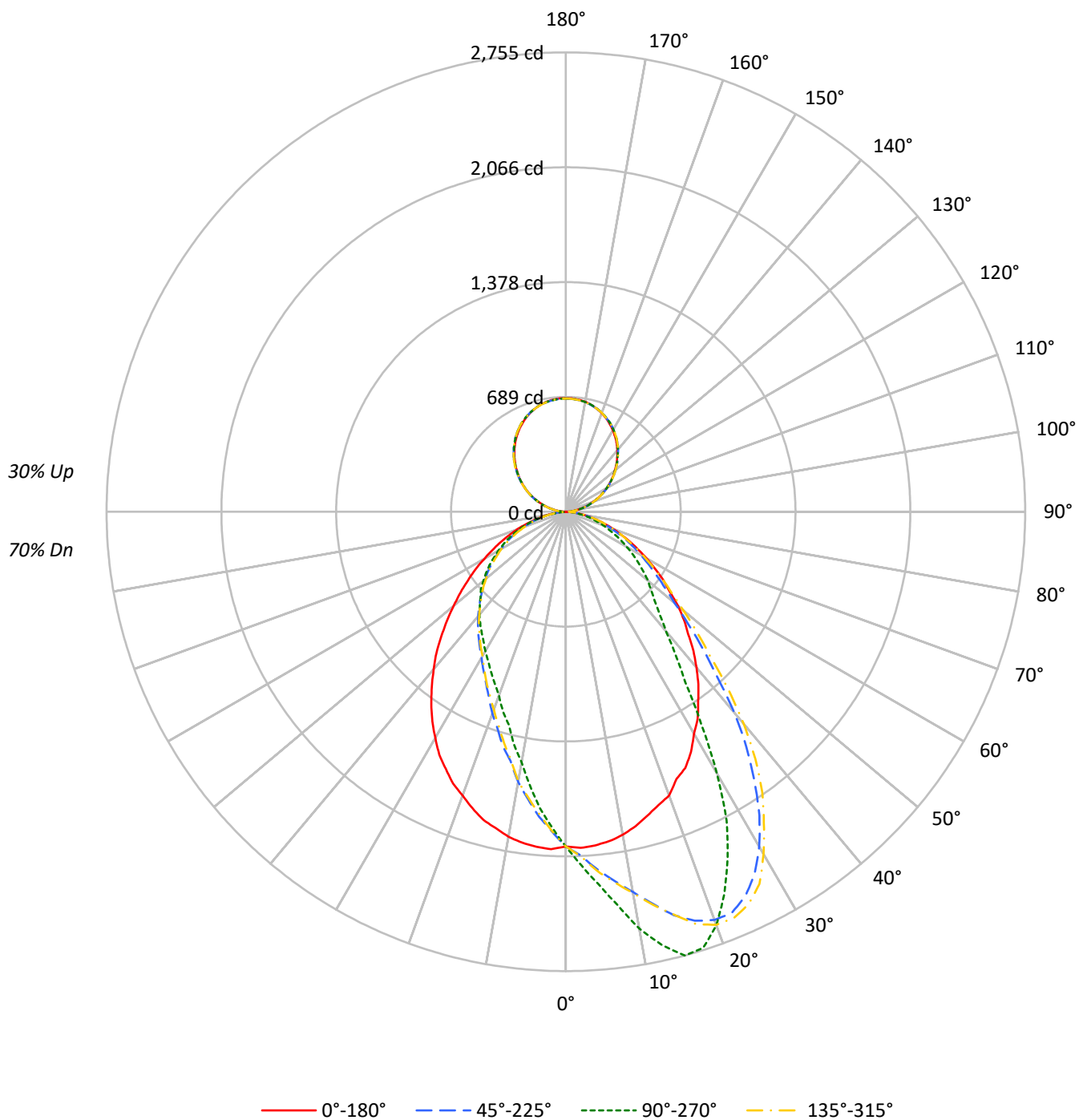
Lumens per Lamp: N/A
Luminaire Lumens: 6331.0 lumens
Efficiency: N/A
Efficacy: 82.5 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	31769	31769	31769	31769
5°	31845	33874	31967	26949
10°	31476	36978	31673	22219
15°	30711	39004	31139	18715
20°	30233	36622	30233	16267
25°	29270	31461	29403	14546
30°	27685	24732	28213	13176
35°	26279	17101	26719	12055
40°	24665	12912	24947	11162
45°	22674	10611	23046	10198
50°	20953	9313	20991	9335
55°	18991	7935	19113	8399
60°	16899	6629	17133	7330
65°	15027	5391	15300	6259
70°	13161	4230	13494	5049
75°	11048	3070	11479	3662
80°	8622	1947	9237	2174
85°	5664	981	6102	727

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 32840 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	191.2	3.0
10°-20°	556.4	8.8
20°-30°	807.5	12.8
30°-40°	851.2	13.4
40°-50°	753.3	11.9
50°-60°	601.5	9.5
60°-70°	408.5	6.5
70°-80°	209.0	3.3
80°-90°	51.3	0.8
90°-100°	42.1	0.7
100°-110°	133.7	2.1
110°-120°	228.8	3.6
120°-130°	300.9	4.8
130°-140°	337.8	5.3
140°-150°	331.2	5.2
150°-160°	277.9	4.4
160°-170°	184.3	2.9
170°-180°	64.4	1.0
0°-30°	1555.0	24.6
0°-40°	2406.3	38.0
0°-60°	3761.0	59.4
0°-90°	4429.9	70.0
90°-120°	404.6	6.4
90°-150°	1374.5	21.7
90°-180°	1901.0	30.0
0°-180°	6331.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2007	2007	2007	2007	2007	
5°	2008	2242	2016	1783	2008	190
15°	1887	2755	1913	1322	1887	533
25°	1695	2295	1703	1061	1695	775
35°	1384	1250	1407	881	1384	866
45°	1038	753	1055	724	1038	805
55°	713	529	717	560	713	636
65°	423	326	430	378	423	420
75°	198	160	205	191	198	212
85°	40	42	43	31	40	47
90°	1	20	1	20	1	4
95°	30	36	30	36	30	33
105°	123	127	123	127	123	130
115°	230	230	230	230	230	227
125°	334	335	334	335	334	298
135°	432	437	432	437	432	334
145°	524	530	524	530	524	328
155°	600	604	600	604	600	276
165°	652	653	652	653	652	184
175°	679	676	679	676	679	64
180°	680	680	680	680	680	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0
2.5°	2017.8	2022.4	2030.1	2031.7	2047.1	2059.4	2073.3	2073.3	2077.9	2076.4	2064.1
5°	2008.5	2022.4	2042.5	2059.4	2087.2	2099.5	2118.0	2131.9	2144.3	2153.5	2152.0
7.5°	1993.1	2017.8	2047.1	2079.5	2116.5	2138.1	2164.3	2189.0	2206.0	2221.4	2232.2
10°	1966.9	2008.5	2048.6	2091.8	2139.6	2169.0	2199.8	2232.2	2258.4	2287.7	2315.5
12.5°	1931.4	1991.5	2040.9	2098.0	2156.6	2189.0	2238.4	2263.1	2314.0	2388.0	2408.1
15°	1886.6	1968.4	2014.7	2087.2	2164.3	2190.6	2258.4	2298.5	2403.4	2449.7	2505.2
17.5°	1845.0	1936.0	1997.7	2081.0	2156.6	2207.5	2273.9	2355.6	2443.5	2509.9	2571.6
20°	1811.1	1899.0	1973.0	2065.6	2161.2	2226.0	2295.4	2394.2	2489.8	2557.7	2605.5
22.5°	1733.9	1846.5	1932.9	2036.3	2152.0	2241.5	2307.8	2415.8	2519.1	2560.8	2602.4
25°	1695.4	1792.5	1892.8	2010.1	2145.8	2252.3	2309.3	2429.7	2520.7	2536.1	2545.4
27.5°	1624.4	1733.9	1851.2	1985.4	2144.3	2233.7	2306.2	2415.8	2488.3	2477.5	2449.7
30°	1536.5	1670.7	1800.3	1945.3	2122.7	2219.9	2287.7	2388.0	2425.0	2369.5	2320.1
32.5°	1471.7	1598.2	1741.6	1909.8	2098.0	2190.6	2256.9	2335.6	2343.3	2243.0	2159.7
35°	1383.7	1524.1	1686.1	1863.5	2056.3	2139.6	2201.3	2249.2	2212.1	2071.8	1973.0
37.5°	1305.1	1443.9	1616.7	1797.2	1999.3	2081.0	2130.4	2138.1	2047.1	1923.7	1778.7
40°	1218.7	1362.2	1542.6	1732.4	1936.0	2007.0	2037.8	2014.7	1883.6	1740.1	1572.0
42.5°	1132.3	1274.2	1468.6	1663.0	1855.8	1916.0	1928.3	1865.1	1704.6	1536.5	1342.1
45°	1038.2	1186.3	1380.7	1576.6	1763.2	1797.2	1798.7	1707.7	1518.0	1342.1	1161.6
47.5°	961.1	1098.4	1291.2	1487.1	1644.5	1667.6	1658.3	1553.4	1346.7	1149.3	991.9
50°	876.2	1007.3	1198.6	1391.5	1525.7	1531.8	1508.7	1359.1	1157.0	976.5	851.5
52.5°	785.2	917.9	1093.7	1278.8	1399.2	1389.9	1345.2	1184.7	995.0	845.4	749.7
55°	712.7	829.9	995.0	1175.5	1260.3	1234.1	1184.7	1021.2	871.6	745.1	661.8
57.5°	632.5	735.8	897.8	1055.2	1104.5	1079.8	1030.5	877.8	738.9	643.3	587.7
60°	556.9	651.0	792.9	924.0	962.6	936.4	879.3	742.0	641.7	561.5	519.9
62.5°	487.5	569.2	688.0	808.3	823.8	797.5	748.2	637.1	550.7	487.5	456.6
65°	422.7	499.8	595.5	686.5	700.4	672.6	621.7	541.5	469.0	428.9	399.5
67.5°	359.4	421.1	506.0	572.3	580.0	553.8	512.2	447.4	402.6	359.4	337.8
70°	303.9	350.2	416.5	470.5	473.6	448.9	427.3	368.7	334.8	303.9	286.9
72.5°	249.9	282.3	333.2	373.3	374.9	359.4	339.4	302.4	273.0	251.5	234.5
75°	197.5	225.2	256.1	291.6	290.0	277.7	262.2	239.1	214.4	200.5	192.8
77.5°	151.2	168.1	192.8	216.0	216.0	209.8	200.5	183.6	168.1	154.3	146.6
80°	108.0	118.8	138.8	146.6	149.6	148.1	140.4	128.0	121.9	111.1	108.0
82.5°	69.4	77.1	86.4	94.1	98.7	95.6	94.1	87.9	78.7	75.6	72.5
85°	40.1	43.2	47.8	52.4	54.0	52.4	55.5	50.9	46.3	46.3	44.7
87.5°	17.0	18.5	21.6	21.6	23.1	23.1	21.6	23.1	23.1	21.6	20.1
90°	0.6	2.1	3.7	5.2	6.7	7.5	8.9	11.7	14.5	17.3	20.1
92.5°	12.6	13.6	14.6	15.7	16.7	17.2	17.3	17.4	17.5	17.7	17.8
95°	29.8	31.1	32.4	33.7	35.0	35.6	35.7	36.0	36.2	36.5	36.7
97.5°	49.9	51.1	52.2	53.4	54.5	55.1	55.4	55.9	56.4	56.9	57.4
100°	72.9	73.9	74.9	76.0	77.0	77.5	77.7	78.1	78.4	78.8	79.2
102.5°	97.0	97.8	98.5	99.3	100.0	100.4	100.7	101.2	101.7	102.2	102.7
105°	123.4	123.8	124.2	124.5	124.9	125.1	125.2	125.5	125.7	126.0	126.2
107.5°	149.8	150.3	150.8	151.3	151.8	152.1	152.1	152.1	152.1	152.1	152.1
110°	175.0	175.8	176.6	177.3	178.1	178.5	178.5	178.5	178.5	178.5	178.5

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	202.6	203.4	204.1	204.9	205.6	206.0	205.9	205.8	205.7	205.5	205.4
115°	229.5	230.3	231.1	231.8	232.6	233.0	232.9	232.6	232.3	232.1	231.8
117.5°	256.5	257.5	258.5	259.6	260.6	261.1	260.8	260.1	259.5	258.8	258.2
120°	283.5	284.5	285.5	286.6	287.6	288.1	287.6	286.6	285.5	284.5	283.5
122.5°	308.1	309.4	310.7	312.0	313.3	313.9	313.6	312.9	312.3	311.6	311.0
125°	334.0	335.1	336.3	337.4	338.5	339.1	338.9	338.5	338.2	337.8	337.4
127.5°	359.2	360.6	362.0	363.4	364.8	365.5	365.2	364.7	364.2	363.7	363.2
130°	382.7	384.4	386.0	387.7	389.4	390.2	390.1	389.8	389.5	389.3	389.0
132.5°	409.1	410.4	411.7	413.0	414.3	414.9	415.0	415.1	415.2	415.3	415.4
135°	432.1	433.5	434.9	436.3	437.7	438.4	438.5	438.8	439.0	439.3	439.5
137.5°	457.3	458.5	459.6	460.8	461.9	462.5	462.6	462.9	463.1	463.4	463.6
140°	479.7	480.9	482.0	483.2	484.3	484.9	485.2	485.8	486.5	487.1	487.7
142.5°	502.7	503.8	505.0	506.1	507.2	507.8	508.0	508.4	508.7	509.1	509.5
145°	524.5	525.4	526.3	527.2	528.1	528.5	528.9	529.6	530.4	531.1	531.9
147.5°	544.0	545.1	546.3	547.4	548.5	549.1	549.4	549.9	550.4	550.9	551.4
150°	564.1	564.9	565.6	566.4	567.1	567.5	567.8	568.3	568.8	569.3	569.8
152.5°	581.8	582.6	583.4	584.1	584.9	585.3	585.6	586.3	586.9	587.6	588.2
155°	599.6	600.0	600.4	600.8	601.2	601.4	601.6	602.0	602.3	602.7	603.1
157.5°	615.1	615.4	615.6	615.9	616.2	616.3	616.4	616.7	616.9	617.2	617.4
160°	628.9	629.1	629.4	629.6	629.9	630.0	630.1	630.2	630.3	630.5	630.6
162.5°	641.5	641.5	641.5	641.5	641.5	641.5	641.6	641.7	641.8	642.0	642.1
165°	652.4	652.3	652.2	652.1	652.0	651.9	651.9	651.9	651.9	651.9	651.9
167.5°	662.2	661.8	661.4	661.1	660.7	660.5	660.5	660.5	660.5	660.5	660.5
170°	669.6	669.2	668.8	668.5	668.1	667.9	667.8	667.7	667.6	667.4	667.3
172.5°	674.8	674.4	674.0	673.7	673.3	673.1	673.0	672.9	672.8	672.6	672.5
175°	678.8	678.4	678.0	677.7	677.3	677.1	677.0	676.7	676.5	676.2	676.0
177.5°	681.1	680.7	680.3	680.0	679.6	679.4	679.3	679.0	678.7	678.5	678.2
180°	680.0	680.0	680.0	680.0	680.0	680.0	680.0	680.0	680.0	680.0	680.0

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0
2.5°	2085.7	2087.2	2090.3	2105.7	2113.4	2115.0	2108.8	2122.7	2127.3	2122.7	2119.6
5°	2184.4	2193.6	2212.1	2232.2	2230.7	2232.2	2241.5	2250.7	2253.8	2241.5	2246.1
7.5°	2270.8	2289.3	2309.3	2340.2	2340.2	2355.6	2361.8	2369.5	2388.0	2378.8	2375.7
10°	2369.5	2394.2	2431.2	2480.6	2482.1	2497.5	2513.0	2537.6	2545.4	2539.2	2542.3
12.5°	2492.9	2540.7	2543.8	2597.8	2622.5	2625.6	2650.3	2645.6	2661.1	2661.1	2687.3
15°	2546.9	2620.9	2662.6	2715.0	2730.5	2712.0	2732.0	2753.6	2755.2	2755.2	2753.6
17.5°	2644.1	2673.4	2715.0	2742.8	2749.0	2749.0	2750.5	2759.8	2753.6	2741.3	2750.5
20°	2664.1	2676.5	2691.9	2688.8	2691.9	2676.5	2661.1	2645.6	2647.2	2639.5	2662.6
22.5°	2627.1	2624.0	2588.6	2565.4	2565.4	2534.6	2505.2	2491.4	2477.5	2482.1	2489.8
25°	2534.6	2486.7	2443.5	2409.6	2401.9	2352.5	2312.4	2300.1	2276.9	2295.4	2298.5
27.5°	2386.5	2332.5	2263.1	2233.7	2193.6	2173.6	2145.8	2108.8	2061.0	2088.7	2084.1
30°	2227.6	2147.4	2090.3	2019.3	1956.1	1951.4	1899.0	1837.3	1812.6	1812.6	1826.5
32.5°	2050.2	1943.7	1860.4	1760.2	1698.4	1672.2	1609.0	1547.3	1561.2	1514.9	1531.8
35°	1843.5	1703.1	1598.2	1501.0	1454.7	1423.9	1342.1	1308.2	1271.1	1249.5	1289.6
37.5°	1646.0	1484.0	1349.8	1243.4	1226.4	1170.9	1115.3	1093.7	1072.1	1081.4	1079.8
40°	1405.3	1261.9	1141.6	1058.3	1028.9	1002.7	965.7	939.5	925.6	933.3	934.8
42.5°	1187.8	1067.5	978.0	919.4	894.7	876.2	857.7	836.1	831.5	831.5	837.7
45°	1019.7	921.0	860.8	813.0	799.1	785.2	771.3	762.1	759.0	752.8	757.4
47.5°	885.5	806.8	769.8	734.3	718.9	715.8	703.4	698.8	692.6	691.1	692.6
50°	772.9	723.5	689.6	669.5	658.7	654.1	647.9	638.7	635.6	643.3	640.2
52.5°	694.2	647.9	629.4	609.3	603.2	597.0	587.7	589.3	587.7	584.7	584.7
55°	615.5	586.2	567.7	552.3	550.7	544.6	536.8	533.8	532.2	529.1	533.8
57.5°	552.3	529.1	512.2	498.3	492.1	492.1	484.4	478.2	478.2	476.7	478.2
60°	489.0	465.9	455.1	441.2	436.6	435.0	430.4	427.3	422.7	422.7	422.7
62.5°	430.4	411.9	399.5	387.2	388.7	381.0	374.9	371.8	371.8	373.3	373.3
65°	374.9	362.5	347.1	336.3	333.2	331.7	328.6	327.0	322.4	325.5	325.5
67.5°	324.0	307.0	297.7	293.1	288.5	286.9	283.8	280.8	279.2	277.7	280.8
70°	273.0	259.2	251.5	248.4	243.7	242.2	240.7	236.0	237.6	239.1	240.7
72.5°	226.8	214.4	212.9	203.6	203.6	203.6	197.5	200.5	199.0	195.9	199.0
75°	178.9	172.8	169.7	165.1	166.6	165.1	163.5	158.9	158.9	160.4	162.0
77.5°	141.9	135.8	134.2	129.6	126.5	129.6	126.5	125.0	125.0	126.5	126.5
80°	104.9	101.8	97.2	97.2	97.2	95.6	95.6	95.6	94.1	92.6	94.1
82.5°	69.4	69.4	67.9	66.3	67.9	64.8	66.3	66.3	66.3	66.3	66.3
85°	44.7	43.2	43.2	41.7	41.7	41.7	43.2	40.1	40.1	41.7	41.7
87.5°	20.1	20.1	20.1	21.6	20.1	20.1	20.1	21.6	20.1	20.1	20.1
90°	19.8	19.6	19.3	19.0	18.9	19.0	19.1	19.2	19.4	19.5	19.4
92.5°	17.9	18.1	18.2	18.3	18.4	18.4	18.4	18.4	18.4	18.4	18.4
95°	36.7	36.7	36.7	36.7	36.7	36.6	36.3	36.1	35.8	35.6	35.8
97.5°	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
100°	79.2	79.2	79.2	79.2	79.2	79.1	79.0	78.9	78.7	78.6	78.7
102.5°	102.8	103.0	103.1	103.2	103.3	103.2	103.1	103.0	102.8	102.7	102.8
105°	126.5	126.7	127.0	127.3	127.4	127.4	127.4	127.4	127.4	127.4	127.4
107.5°	152.2	152.3	152.4	152.5	152.6	152.3	151.7	151.0	150.4	149.8	150.4
110°	178.5	178.5	178.5	178.5	178.5	178.3	177.9	177.5	177.1	176.7	177.1

TEST NUMBER: P997935

CATALOG NUMBER: SA2XXDIP-B1005D530UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	205.0	204.6	204.3	203.9	203.7	203.6	203.3	203.1	202.8	202.6	202.8
115°	231.7	231.5	231.4	231.3	231.2	231.0	230.6	230.3	229.9	229.5	229.9
117.5°	257.8	257.4	257.1	256.7	256.5	256.3	255.9	255.6	255.2	254.8	255.2
120°	283.5	283.5	283.5	283.5	283.5	283.3	282.9	282.5	282.1	281.7	282.1
122.5°	310.6	310.2	309.9	309.5	309.3	309.2	308.9	308.6	308.4	308.1	308.4
125°	337.0	336.6	336.3	335.9	335.7	335.6	335.5	335.4	335.2	335.1	335.2
127.5°	362.7	362.2	361.7	361.2	360.9	360.7	360.3	360.0	359.6	359.2	359.6
130°	388.8	388.5	388.3	388.0	387.9	387.6	387.1	386.6	386.1	385.6	386.1
132.5°	414.8	414.2	413.5	412.9	412.6	412.4	412.0	411.7	411.3	410.9	411.3
135°	439.4	439.3	439.2	439.1	439.0	438.8	438.4	438.0	437.6	437.2	437.6
137.5°	463.5	463.4	463.3	463.2	463.1	462.8	462.3	461.8	461.3	460.8	461.3
140°	487.7	487.7	487.7	487.7	487.7	487.4	486.9	486.4	485.9	485.4	485.9
142.5°	509.6	509.8	509.9	510.0	510.1	509.8	509.3	508.8	508.3	507.8	508.3
145°	532.0	532.2	532.3	532.4	532.5	532.2	531.7	531.2	530.7	530.2	530.7
147.5°	551.7	551.9	552.2	552.5	552.6	552.3	551.8	551.3	550.8	550.3	550.8
150°	570.2	570.6	570.9	571.3	571.5	571.3	570.9	570.6	570.2	569.8	570.2
152.5°	588.7	589.2	589.7	590.2	590.5	590.2	589.7	589.2	588.7	588.2	588.7
155°	603.7	604.3	605.0	605.6	605.9	605.7	605.3	605.0	604.6	604.2	604.6
157.5°	618.3	619.2	620.1	621.0	621.4	621.1	620.5	619.8	619.2	618.6	619.2
160°	631.4	632.2	632.9	633.7	634.1	633.8	633.3	632.8	632.3	631.8	632.3
162.5°	643.0	643.9	644.8	645.7	646.1	645.8	645.1	644.5	643.8	643.2	643.8
165°	652.8	653.7	654.6	655.5	655.9	655.6	654.9	654.3	653.6	653.0	653.6
167.5°	661.4	662.3	663.2	664.1	664.5	664.2	663.5	662.9	662.2	661.6	662.2
170°	668.2	669.1	670.0	670.9	671.4	671.0	670.2	669.5	668.7	667.9	668.7
172.5°	673.4	674.3	675.2	676.1	676.5	676.1	675.4	674.6	673.9	673.1	673.9
175°	676.9	677.8	678.7	679.6	680.0	679.6	678.8	678.1	677.3	676.5	677.3
177.5°	679.0	679.8	680.5	681.3	681.7	681.3	680.5	679.8	679.0	678.2	679.0
180°	680.0	680.0	680.0	680.0	680.0	680.0	680.0	680.0	680.0	680.0	680.0

TEST NUMBER: P997935

CATALOG NUMBER: SA2XXDIP-B1005D530UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0
2.5°	2127.3	2116.5	2107.2	2108.8	2116.5	2110.3	2094.9	2074.9	2067.1	2057.9	2067.1
5°	2255.3	2246.1	2227.6	2229.1	2224.5	2218.3	2193.6	2162.8	2162.8	2138.1	2135.0
7.5°	2381.8	2368.0	2355.6	2352.5	2335.6	2323.2	2301.6	2258.4	2241.5	2212.1	2195.2
10°	2523.8	2513.0	2499.1	2482.1	2472.9	2451.3	2415.8	2352.5	2321.7	2281.6	2252.3
12.5°	2667.2	2665.7	2634.8	2600.9	2599.3	2565.4	2540.7	2455.9	2414.2	2360.2	2290.8
15°	2758.2	2750.5	2733.6	2716.6	2721.2	2684.2	2628.7	2528.4	2500.6	2435.8	2361.8
17.5°	2756.7	2756.7	2752.1	2749.0	2744.4	2733.6	2702.7	2636.4	2591.6	2509.9	2440.5
20°	2668.8	2688.8	2693.5	2691.9	2707.3	2715.0	2713.5	2671.9	2636.4	2563.9	2492.9
22.5°	2492.9	2539.2	2559.2	2571.6	2604.0	2620.9	2661.1	2645.6	2636.4	2582.4	2522.2
25°	2329.4	2344.8	2405.0	2408.1	2452.8	2494.5	2534.6	2560.8	2594.7	2574.7	2523.8
27.5°	2118.0	2153.5	2196.7	2229.1	2238.4	2323.2	2389.6	2438.9	2516.0	2522.2	2505.2
30°	1878.9	1895.9	1966.9	2010.1	2059.4	2121.1	2216.8	2301.6	2371.0	2434.3	2455.9
32.5°	1587.4	1656.8	1698.4	1750.9	1794.1	1903.6	2020.9	2130.4	2210.6	2317.0	2363.3
35°	1320.5	1374.5	1445.5	1467.1	1545.7	1638.3	1791.0	1931.4	2053.3	2161.2	2255.3
37.5°	1099.9	1143.1	1218.7	1252.6	1298.9	1417.7	1545.7	1720.0	1866.6	1999.3	2116.5
40°	948.7	981.1	1038.2	1049.0	1087.6	1195.5	1298.9	1462.4	1656.8	1835.7	1963.8
42.5°	845.4	860.8	899.4	913.2	937.9	1010.4	1103.0	1257.3	1437.7	1622.9	1803.3
45°	771.3	782.1	805.3	817.6	848.5	880.8	956.4	1079.8	1221.8	1408.4	1602.8
47.5°	705.0	718.9	728.1	735.8	752.8	788.3	837.7	928.7	1064.4	1235.7	1423.9
50°	649.5	654.1	671.0	672.6	683.4	706.5	752.8	808.3	916.3	1055.2	1237.2
52.5°	593.9	598.5	609.3	620.1	624.8	643.3	674.1	720.4	800.6	910.2	1072.1
55°	538.4	544.6	555.4	563.1	567.7	583.1	601.6	646.4	709.6	786.7	919.4
57.5°	482.8	496.7	499.8	504.4	512.2	529.1	546.1	572.3	621.7	692.6	789.8
60°	430.4	435.0	445.8	450.5	458.2	467.4	489.0	509.1	544.6	600.1	688.0
62.5°	376.4	387.2	391.8	396.5	402.6	413.4	427.3	448.9	479.8	524.5	593.9
65°	330.1	331.7	340.9	347.1	353.3	361.0	374.9	394.9	413.4	455.1	506.0
67.5°	285.4	288.5	291.6	297.7	305.4	313.2	325.5	336.3	359.4	387.2	427.3
70°	242.2	242.2	249.9	254.5	253.0	262.2	271.5	283.8	300.8	327.0	359.4
72.5°	203.6	202.1	208.3	209.8	212.9	219.1	225.2	237.6	246.8	266.9	291.6
75°	162.0	165.1	168.1	168.1	172.8	177.4	183.6	189.7	200.5	212.9	231.4
77.5°	128.0	128.0	131.1	132.7	137.3	135.8	141.9	148.1	155.8	166.6	180.5
80°	94.1	97.2	97.2	97.2	98.7	100.3	106.4	111.1	115.7	123.4	129.6
82.5°	66.3	66.3	69.4	69.4	69.4	72.5	72.5	74.0	77.1	81.8	86.4
85°	41.7	41.7	41.7	43.2	41.7	43.2	46.3	44.7	46.3	49.4	49.4
87.5°	20.1	20.1	20.1	20.1	20.1	21.6	20.1	21.6	23.1	23.1	23.1
90°	19.2	19.1	19.0	18.9	19.0	19.3	19.6	19.8	20.1	17.3	14.5
92.5°	18.4	18.4	18.4	18.4	18.3	18.2	18.1	17.9	17.8	17.7	17.5
95°	36.1	36.3	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.5	36.2
97.5°	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	56.9	56.4
100°	78.9	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	78.8	78.4
102.5°	103.0	103.1	103.2	103.3	103.2	103.1	103.0	102.8	102.7	102.2	101.7
105°	127.4	127.4	127.4	127.4	127.3	127.0	126.7	126.5	126.2	126.0	125.7
107.5°	151.0	151.7	152.3	152.6	152.5	152.4	152.3	152.2	152.1	152.1	152.1
110°	177.5	177.9	178.3	178.5	178.5	178.5	178.5	178.5	178.5	178.5	178.5



TEST NUMBER: P997935

CATALOG NUMBER: SA2XXDIP-B1005D530UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	203.1	203.3	203.6	203.7	203.9	204.3	204.6	205.0	205.4	205.5	205.7
115°	230.3	230.6	231.0	231.2	231.3	231.4	231.5	231.7	231.8	232.1	232.3
117.5°	255.6	255.9	256.3	256.5	256.7	257.1	257.4	257.8	258.2	258.8	259.5
120°	282.5	282.9	283.3	283.5	283.5	283.5	283.5	283.5	283.5	284.5	285.5
122.5°	308.6	308.9	309.2	309.3	309.5	309.9	310.2	310.6	311.0	311.6	312.3
125°	335.4	335.5	335.6	335.7	335.9	336.3	336.6	337.0	337.4	337.8	338.2
127.5°	360.0	360.3	360.7	360.9	361.2	361.7	362.2	362.7	363.2	363.7	364.2
130°	386.6	387.1	387.6	387.9	388.0	388.3	388.5	388.8	389.0	389.3	389.5
132.5°	411.7	412.0	412.4	412.6	412.9	413.5	414.2	414.8	415.4	415.3	415.2
135°	438.0	438.4	438.8	439.0	439.1	439.2	439.3	439.4	439.5	439.3	439.0
137.5°	461.8	462.3	462.8	463.1	463.2	463.3	463.4	463.5	463.6	463.4	463.1
140°	486.4	486.9	487.4	487.7	487.7	487.7	487.7	487.7	487.7	487.1	486.5
142.5°	508.8	509.3	509.8	510.1	510.0	509.9	509.8	509.6	509.5	509.1	508.7
145°	531.2	531.7	532.2	532.5	532.4	532.3	532.2	532.0	531.9	531.1	530.4
147.5°	551.3	551.8	552.3	552.6	552.5	552.2	551.9	551.7	551.4	550.9	550.4
150°	570.6	570.9	571.3	571.5	571.3	570.9	570.6	570.2	569.8	569.3	568.8
152.5°	589.2	589.7	590.2	590.5	590.2	589.7	589.2	588.7	588.2	587.6	586.9
155°	605.0	605.3	605.7	605.9	605.6	605.0	604.3	603.7	603.1	602.7	602.3
157.5°	619.8	620.5	621.1	621.4	621.0	620.1	619.2	618.3	617.4	617.2	616.9
160°	632.8	633.3	633.8	634.1	633.7	632.9	632.2	631.4	630.6	630.5	630.3
162.5°	644.5	645.1	645.8	646.1	645.7	644.8	643.9	643.0	642.1	642.0	641.8
165°	654.3	654.9	655.6	655.9	655.5	654.6	653.7	652.8	651.9	651.9	651.9
167.5°	662.9	663.5	664.2	664.5	664.1	663.2	662.3	661.4	660.5	660.5	660.5
170°	669.5	670.2	671.0	671.4	670.9	670.0	669.1	668.2	667.3	667.4	667.6
172.5°	674.6	675.4	676.1	676.5	676.1	675.2	674.3	673.4	672.5	672.6	672.8
175°	678.1	678.8	679.6	680.0	679.6	678.7	677.8	676.9	676.0	676.2	676.5
177.5°	679.8	680.5	681.3	681.7	681.3	680.5	679.8	679.0	678.2	678.5	678.7
180°	680.0	680.0	680.0	680.0	680.0	680.0	680.0	680.0	680.0	680.0	680.0

TEST NUMBER: P997935

CATALOG NUMBER: SA2XXDIP-B1005D530UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0
2.5°	2059.4	2051.7	2047.1	2050.2	2040.9	2017.8	2017.8	2025.5	2016.2	2007.0	1993.1
5°	2116.5	2101.1	2091.8	2090.3	2068.7	2031.7	2023.9	2016.2	1996.2	1974.6	1951.4
7.5°	2172.0	2144.3	2128.8	2118.0	2087.2	2039.4	2019.3	2002.3	1970.0	1937.6	1908.2
10°	2218.3	2178.2	2159.7	2142.7	2102.6	2042.5	2010.1	1979.2	1937.6	1895.9	1858.9
12.5°	2255.3	2209.1	2185.9	2161.2	2111.9	2033.2	1993.1	1943.7	1902.1	1846.5	1809.5
15°	2317.0	2221.4	2199.8	2176.7	2125.8	2017.8	1968.4	1912.9	1855.8	1781.8	1741.6
17.5°	2366.4	2238.4	2236.8	2187.5	2121.1	2011.6	1936.0	1863.5	1801.8	1727.8	1664.5
20°	2395.7	2264.6	2239.9	2189.0	2105.7	1970.0	1891.3	1811.1	1744.7	1655.3	1592.0
22.5°	2420.4	2301.6	2236.8	2175.1	2073.3	1956.1	1840.4	1764.8	1673.8	1576.6	1516.4
25°	2429.7	2309.3	2241.5	2170.5	2050.2	1916.0	1784.8	1703.1	1601.3	1513.3	1431.6
27.5°	2431.2	2307.8	2224.5	2150.4	2017.8	1863.5	1729.3	1642.9	1530.3	1428.5	1346.7
30°	2415.8	2290.8	2215.2	2135.0	1986.9	1815.7	1661.4	1565.8	1445.5	1343.6	1258.8
32.5°	2369.5	2256.9	2195.2	2107.2	1946.8	1749.4	1596.6	1490.2	1363.7	1263.4	1181.7
35°	2292.4	2215.2	2147.4	2065.6	1894.4	1687.6	1531.8	1406.9	1278.8	1183.2	1106.1
37.5°	2196.7	2155.1	2091.8	2011.6	1834.2	1632.1	1459.3	1320.5	1192.5	1099.9	1024.3
40°	2067.1	2077.9	2016.2	1943.7	1763.2	1556.5	1365.2	1232.6	1112.2	1025.9	951.8
42.5°	1926.8	1971.5	1936.0	1866.6	1684.6	1473.2	1295.8	1149.3	1032.0	942.6	880.8
45°	1775.6	1852.7	1831.1	1780.2	1602.8	1385.3	1197.1	1055.2	951.8	865.4	811.4
47.5°	1610.5	1720.0	1720.0	1683.0	1511.8	1297.4	1112.2	967.2	865.4	803.7	751.3
50°	1442.4	1565.8	1585.8	1561.2	1410.0	1197.1	1008.9	877.8	789.8	729.7	691.1
52.5°	1266.5	1410.0	1447.0	1434.7	1302.0	1101.4	924.0	796.0	715.8	663.3	629.4
55°	1098.4	1265.0	1305.1	1309.7	1186.3	996.5	829.9	717.3	640.2	604.7	575.4
57.5°	939.5	1099.9	1144.6	1152.4	1069.1	900.9	742.0	643.3	573.9	544.6	521.4
60°	803.7	937.9	996.5	1013.5	941.0	789.8	660.3	564.6	512.2	484.4	462.8
62.5°	692.6	800.6	862.3	867.0	834.6	692.6	575.4	495.2	450.5	425.8	415.0
65°	584.7	681.8	718.9	737.4	711.2	600.1	496.7	430.4	394.9	373.3	362.5
67.5°	498.3	560.0	590.8	615.5	589.3	506.0	422.7	368.7	342.5	320.9	314.7
70°	408.8	459.7	482.8	507.5	484.4	421.1	361.0	311.6	288.5	271.5	263.8
72.5°	327.0	367.1	388.7	404.2	390.3	337.8	288.5	254.5	237.6	225.2	220.6
75°	259.2	286.9	299.3	310.1	303.9	263.8	232.9	205.2	189.7	178.9	175.9
77.5°	197.5	217.5	231.4	234.5	226.8	200.5	174.3	157.3	145.0	138.8	135.8
80°	140.4	152.7	160.4	165.1	157.3	146.6	128.0	115.7	104.9	97.2	95.6
82.5°	94.1	100.3	106.4	104.9	101.8	92.6	81.8	75.6	71.0	64.8	64.8
85°	54.0	55.5	58.6	60.2	58.6	52.4	46.3	43.2	40.1	35.5	35.5
87.5°	23.1	24.7	24.7	26.2	23.1	23.1	20.1	17.0	17.0	15.4	13.9
90°	11.7	8.9	7.5	6.7	5.2	3.7	2.1	0.6	2.1	3.7	5.2
92.5°	17.4	17.3	17.2	16.7	15.7	14.6	13.6	12.6	13.6	14.6	15.7
95°	36.0	35.7	35.6	35.0	33.7	32.4	31.1	29.8	31.1	32.4	33.7
97.5°	55.9	55.4	55.1	54.5	53.4	52.2	51.1	49.9	51.1	52.2	53.4
100°	78.1	77.7	77.5	77.0	76.0	74.9	73.9	72.9	73.9	74.9	76.0
102.5°	101.2	100.7	100.4	100.0	99.3	98.5	97.8	97.0	97.8	98.5	99.3
105°	125.5	125.2	125.1	124.9	124.5	124.2	123.8	123.4	123.8	124.2	124.5
107.5°	152.1	152.1	152.1	151.8	151.3	150.8	150.3	149.8	150.3	150.8	151.3
110°	178.5	178.5	178.5	178.1	177.3	176.6	175.8	175.0	175.8	176.6	177.3

TEST NUMBER: P997935

CATALOG NUMBER: SA2XXDIP-B1005D530UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	205.8	205.9	206.0	205.6	204.9	204.1	203.4	202.6	203.4	204.1	204.9
115°	232.6	232.9	233.0	232.6	231.8	231.1	230.3	229.5	230.3	231.1	231.8
117.5°	260.1	260.8	261.1	260.6	259.6	258.5	257.5	256.5	257.5	258.5	259.6
120°	286.6	287.6	288.1	287.6	286.6	285.5	284.5	283.5	284.5	285.5	286.6
122.5°	312.9	313.6	313.9	313.3	312.0	310.7	309.4	308.1	309.4	310.7	312.0
125°	338.5	338.9	339.1	338.5	337.4	336.3	335.1	334.0	335.1	336.3	337.4
127.5°	364.7	365.2	365.5	364.8	363.4	362.0	360.6	359.2	360.6	362.0	363.4
130°	389.8	390.1	390.2	389.4	387.7	386.0	384.4	382.7	384.4	386.0	387.7
132.5°	415.1	415.0	414.9	414.3	413.0	411.7	410.4	409.1	410.4	411.7	413.0
135°	438.8	438.5	438.4	437.7	436.3	434.9	433.5	432.1	433.5	434.9	436.3
137.5°	462.9	462.6	462.5	461.9	460.8	459.6	458.5	457.3	458.5	459.6	460.8
140°	485.8	485.2	484.9	484.3	483.2	482.0	480.9	479.7	480.9	482.0	483.2
142.5°	508.4	508.0	507.8	507.2	506.1	505.0	503.8	502.7	503.8	505.0	506.1
145°	529.6	528.9	528.5	528.1	527.2	526.3	525.4	524.5	525.4	526.3	527.2
147.5°	549.9	549.4	549.1	548.5	547.4	546.3	545.1	544.0	545.1	546.3	547.4
150°	568.3	567.8	567.5	567.1	566.4	565.6	564.9	564.1	564.9	565.6	566.4
152.5°	586.3	585.6	585.3	584.9	584.1	583.4	582.6	581.8	582.6	583.4	584.1
155°	602.0	601.6	601.4	601.2	600.8	600.4	600.0	599.6	600.0	600.4	600.8
157.5°	616.7	616.4	616.3	616.2	615.9	615.6	615.4	615.1	615.4	615.6	615.9
160°	630.2	630.1	630.0	629.9	629.6	629.4	629.1	628.9	629.1	629.4	629.6
162.5°	641.7	641.6	641.5	641.5	641.5	641.5	641.5	641.5	641.5	641.5	641.5
165°	651.9	651.9	651.9	652.0	652.1	652.2	652.3	652.4	652.3	652.2	652.1
167.5°	660.5	660.5	660.5	660.7	661.1	661.4	661.8	662.2	661.8	661.4	661.1
170°	667.7	667.8	667.9	668.1	668.5	668.8	669.2	669.6	669.2	668.8	668.5
172.5°	672.9	673.0	673.1	673.3	673.7	674.0	674.4	674.8	674.4	674.0	673.7
175°	676.7	677.0	677.1	677.3	677.7	678.0	678.4	678.8	678.4	678.0	677.7
177.5°	679.0	679.3	679.4	679.6	680.0	680.3	680.7	681.1	680.7	680.3	680.0
180°	680.0	680.0	680.0	680.0	680.0	680.0	680.0	680.0	680.0	680.0	680.0

TEST NUMBER: P997935

CATALOG NUMBER: SA2XXDIP-B1005D530UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0
2.5°	1985.4	1993.1	1991.5	1976.1	1959.2	1945.3	1919.0	1922.1	1912.9	1914.4	1923.7
5°	1936.0	1936.0	1929.8	1908.2	1880.5	1865.1	1835.7	1828.0	1809.5	1808.0	1806.4
7.5°	1883.6	1875.9	1868.1	1837.3	1803.3	1778.7	1738.6	1729.3	1710.8	1698.4	1692.3
10°	1821.9	1811.1	1795.6	1760.2	1718.5	1687.6	1646.0	1633.7	1598.2	1582.7	1573.5
12.5°	1754.0	1747.8	1723.1	1693.8	1625.9	1592.0	1531.8	1544.2	1508.7	1477.9	1473.2
15°	1686.1	1663.0	1649.1	1601.3	1519.5	1504.1	1456.3	1431.6	1399.2	1374.5	1374.5
17.5°	1619.8	1584.3	1553.4	1502.5	1442.4	1399.2	1363.7	1351.4	1311.2	1286.6	1281.9
20°	1531.8	1491.7	1484.0	1411.5	1369.9	1322.0	1288.1	1257.3	1227.9	1217.1	1209.4
22.5°	1448.5	1402.3	1389.9	1328.2	1286.6	1238.7	1204.8	1183.2	1161.6	1153.9	1140.0
25°	1359.1	1331.3	1312.8	1246.5	1200.2	1155.4	1132.3	1116.9	1096.8	1095.3	1086.0
27.5°	1272.7	1246.5	1227.9	1164.7	1130.8	1089.1	1070.6	1053.6	1042.8	1038.2	1033.6
30°	1198.6	1169.3	1147.7	1101.4	1059.8	1025.9	1010.4	999.6	993.5	985.7	984.2
32.5°	1116.9	1099.9	1070.6	1035.1	1002.7	970.3	961.1	953.4	944.1	941.0	939.5
35°	1047.5	1024.3	1005.8	965.7	951.8	924.0	913.2	907.1	894.7	891.6	888.6
37.5°	979.6	958.0	937.9	913.2	887.0	871.6	865.4	856.2	850.0	851.5	848.5
40°	911.7	894.7	879.3	853.1	837.7	829.9	817.6	808.3	805.3	806.8	805.3
42.5°	845.4	829.9	820.7	800.6	785.2	777.5	769.8	760.5	765.1	765.1	769.8
45°	785.2	771.3	765.1	749.7	740.5	728.1	720.4	718.9	725.0	723.5	723.5
47.5°	723.5	718.9	711.2	697.3	684.9	677.2	675.7	675.7	681.8	684.9	683.4
50°	675.7	666.4	657.2	646.4	637.1	634.0	629.4	632.5	638.7	638.7	641.7
52.5°	615.5	609.3	606.3	597.0	590.8	590.8	590.8	592.4	597.0	601.6	600.1
55°	563.1	558.4	555.4	550.7	543.0	544.6	543.0	546.1	550.7	555.4	558.4
57.5°	507.5	506.0	502.9	495.2	495.2	493.6	498.3	499.8	507.5	510.6	515.2
60°	458.2	453.5	453.5	447.4	447.4	447.4	452.0	456.6	462.8	464.3	467.4
62.5°	405.7	405.7	404.2	399.5	399.5	404.2	405.7	411.9	415.0	415.0	419.6
65°	356.4	354.8	353.3	354.8	356.4	356.4	361.0	364.1	367.1	368.7	370.2
67.5°	307.0	305.4	308.5	307.0	310.1	316.2	314.7	319.3	324.0	324.0	325.5
70°	260.7	263.8	262.2	265.3	263.8	266.9	271.5	273.0	273.0	274.6	279.2
72.5°	217.5	217.5	217.5	216.0	217.5	220.6	223.7	225.2	228.3	229.9	234.5
75°	175.9	175.9	172.8	175.9	175.9	178.9	182.0	182.0	182.0	185.1	189.7
77.5°	132.7	134.2	132.7	135.8	135.8	137.3	140.4	138.8	141.9	143.5	145.0
80°	97.2	95.6	95.6	95.6	97.2	97.2	100.3	101.8	101.8	106.4	103.4
82.5°	61.7	63.2	61.7	63.2	63.2	64.8	63.2	64.8	66.3	69.4	67.9
85°	35.5	33.9	33.9	35.5	33.9	33.9	35.5	33.9	35.5	33.9	35.5
87.5°	13.9	12.3	12.3	12.3	12.3	10.8	10.8	9.3	9.3	9.3	7.7
90°	6.7	7.5	8.9	11.7	14.5	17.3	20.1	19.8	19.6	19.3	19.0
92.5°	16.7	17.2	17.3	17.4	17.5	17.7	17.8	17.9	18.1	18.2	18.3
95°	35.0	35.6	35.7	36.0	36.2	36.5	36.7	36.7	36.7	36.7	36.7
97.5°	54.5	55.1	55.4	55.9	56.4	56.9	57.4	57.4	57.4	57.4	57.4
100°	77.0	77.5	77.7	78.1	78.4	78.8	79.2	79.2	79.2	79.2	79.2
102.5°	100.0	100.4	100.7	101.2	101.7	102.2	102.7	102.8	103.0	103.1	103.2
105°	124.9	125.1	125.2	125.5	125.7	126.0	126.2	126.5	126.7	127.0	127.3
107.5°	151.8	152.1	152.1	152.1	152.1	152.1	152.1	152.2	152.3	152.4	152.5
110°	178.1	178.5	178.5	178.5	178.5	178.5	178.5	178.5	178.5	178.5	178.5

TEST NUMBER: P997935

CATALOG NUMBER: SA2XXDIP-B1005D530UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	205.6	206.0	205.9	205.8	205.7	205.5	205.4	205.0	204.6	204.3	203.9
115°	232.6	233.0	232.9	232.6	232.3	232.1	231.8	231.7	231.5	231.4	231.3
117.5°	260.6	261.1	260.8	260.1	259.5	258.8	258.2	257.8	257.4	257.1	256.7
120°	287.6	288.1	287.6	286.6	285.5	284.5	283.5	283.5	283.5	283.5	283.5
122.5°	313.3	313.9	313.6	312.9	312.3	311.6	311.0	310.6	310.2	309.9	309.5
125°	338.5	339.1	338.9	338.5	338.2	337.8	337.4	337.0	336.6	336.3	335.9
127.5°	364.8	365.5	365.2	364.7	364.2	363.7	363.2	362.7	362.2	361.7	361.2
130°	389.4	390.2	390.1	389.8	389.5	389.3	389.0	388.8	388.5	388.3	388.0
132.5°	414.3	414.9	415.0	415.1	415.2	415.3	415.4	414.8	414.2	413.5	412.9
135°	437.7	438.4	438.5	438.8	439.0	439.3	439.5	439.4	439.3	439.2	439.1
137.5°	461.9	462.5	462.6	462.9	463.1	463.4	463.6	463.5	463.4	463.3	463.2
140°	484.3	484.9	485.2	485.8	486.5	487.1	487.7	487.7	487.7	487.7	487.7
142.5°	507.2	507.8	508.0	508.4	508.7	509.1	509.5	509.6	509.8	509.9	510.0
145°	528.1	528.5	528.9	529.6	530.4	531.1	531.9	532.0	532.2	532.3	532.4
147.5°	548.5	549.1	549.4	549.9	550.4	550.9	551.4	551.7	551.9	552.2	552.5
150°	567.1	567.5	567.8	568.3	568.8	569.3	569.8	570.2	570.6	570.9	571.3
152.5°	584.9	585.3	585.6	586.3	586.9	587.6	588.2	588.7	589.2	589.7	590.2
155°	601.2	601.4	601.6	602.0	602.3	602.7	603.1	603.7	604.3	605.0	605.6
157.5°	616.2	616.3	616.4	616.7	616.9	617.2	617.4	618.3	619.2	620.1	621.0
160°	629.9	630.0	630.1	630.2	630.3	630.5	630.6	631.4	632.2	632.9	633.7
162.5°	641.5	641.5	641.6	641.7	641.8	642.0	642.1	643.0	643.9	644.8	645.7
165°	652.0	651.9	651.9	651.9	651.9	651.9	651.9	652.8	653.7	654.6	655.5
167.5°	660.7	660.5	660.5	660.5	660.5	660.5	660.5	661.4	662.3	663.2	664.1
170°	668.1	667.9	667.8	667.7	667.6	667.4	667.3	668.2	669.1	670.0	670.9
172.5°	673.3	673.1	673.0	672.9	672.8	672.6	672.5	673.4	674.3	675.2	676.1
175°	677.3	677.1	677.0	676.7	676.5	676.2	676.0	676.9	677.8	678.7	679.6
177.5°	679.6	679.4	679.3	679.0	678.7	678.5	678.2	679.0	679.8	680.5	681.3
180°	680.0	680.0	680.0	680.0	680.0	680.0	680.0	680.0	680.0	680.0	680.0

TEST NUMBER: P997935

CATALOG NUMBER: SA2XXDIP-B1005D530UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0
2.5°	1912.9	1917.5	1906.7	1903.6	1906.7	1895.9	1899.0	1902.1	1902.1	1906.7	1909.8
5°	1801.8	1795.6	1784.8	1781.8	1778.7	1783.3	1780.2	1784.8	1786.4	1797.2	1798.7
7.5°	1692.3	1683.0	1673.8	1664.5	1661.4	1653.7	1661.4	1661.4	1672.2	1669.1	1676.9
10°	1562.7	1561.2	1548.8	1544.2	1538.0	1525.7	1542.6	1538.0	1545.7	1559.6	1562.7
12.5°	1467.1	1450.1	1457.8	1436.2	1443.9	1431.6	1433.1	1433.1	1445.5	1447.0	1443.9
15°	1376.0	1362.2	1342.1	1332.8	1328.2	1322.0	1342.1	1343.6	1334.4	1356.0	1348.3
17.5°	1283.5	1283.5	1265.0	1260.3	1248.0	1254.2	1251.1	1252.6	1249.5	1265.0	1272.7
20°	1203.3	1195.5	1189.4	1190.9	1175.5	1172.4	1169.3	1172.4	1183.2	1194.0	1197.1
22.5°	1138.5	1133.8	1118.4	1121.5	1109.2	1113.8	1110.7	1118.4	1120.0	1120.0	1130.8
25°	1076.8	1070.6	1072.1	1066.0	1061.3	1061.3	1056.7	1061.3	1067.5	1070.6	1072.1
27.5°	1030.5	1025.9	1018.1	1013.5	1016.6	1008.9	1015.1	1019.7	1019.7	1016.6	1019.7
30°	974.9	978.0	978.0	962.6	968.8	965.7	970.3	973.4	973.4	974.9	971.9
32.5°	937.9	928.7	927.1	925.6	925.6	919.4	919.4	924.0	925.6	927.1	931.8
35°	888.6	888.6	880.8	885.5	879.3	880.8	879.3	880.8	883.9	879.3	883.9
37.5°	843.8	845.4	842.3	845.4	846.9	843.8	840.7	846.9	843.8	843.8	840.7
40°	805.3	803.7	805.3	805.3	805.3	806.8	803.7	803.7	803.7	800.6	797.5
42.5°	772.9	763.6	766.7	768.2	763.6	763.6	765.1	763.6	768.2	759.0	759.0
45°	726.6	723.5	725.0	725.0	728.1	723.5	726.6	728.1	723.5	722.0	718.9
47.5°	684.9	688.0	684.9	688.0	688.0	691.1	684.9	686.5	688.0	681.8	677.2
50°	643.3	643.3	647.9	646.4	647.9	644.8	644.8	643.3	644.8	641.7	637.1
52.5°	604.7	600.1	607.8	606.3	604.7	603.2	601.6	603.2	600.1	597.0	597.0
55°	556.9	556.9	561.5	563.1	563.1	560.0	556.9	558.4	556.9	555.4	553.8
57.5°	518.3	512.2	515.2	516.8	516.8	512.2	515.2	512.2	512.2	513.7	509.1
60°	469.0	469.0	465.9	470.5	470.5	467.4	467.4	469.0	465.9	464.3	462.8
62.5°	416.5	418.1	422.7	424.2	425.8	422.7	419.6	421.1	421.1	416.5	418.1
65°	371.8	374.9	381.0	379.5	376.4	377.9	374.9	376.4	371.8	373.3	368.7
67.5°	328.6	327.0	328.6	328.6	331.7	330.1	327.0	327.0	325.5	330.1	325.5
70°	282.3	282.3	282.3	282.3	283.8	285.4	282.3	279.2	280.8	277.7	276.1
72.5°	234.5	236.0	234.5	237.6	232.9	236.0	236.0	234.5	232.9	232.9	232.9
75°	189.7	192.8	188.2	189.7	188.2	191.3	189.7	189.7	186.7	185.1	186.7
77.5°	145.0	146.6	143.5	145.0	143.5	145.0	145.0	143.5	143.5	143.5	143.5
80°	103.4	104.9	103.4	101.8	100.3	103.4	100.3	101.8	103.4	101.8	104.9
82.5°	66.3	66.3	64.8	66.3	63.2	63.2	64.8	64.8	63.2	66.3	63.2
85°	32.4	32.4	35.5	32.4	30.9	30.9	30.9	32.4	30.9	33.9	32.4
87.5°	7.7	6.2	7.7	7.7	6.2	6.2	7.7	6.2	7.7	9.3	6.2
90°	18.9	19.0	19.1	19.2	19.4	19.5	19.4	19.2	19.1	19.0	18.9
92.5°	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
95°	36.7	36.6	36.3	36.1	35.8	35.6	35.8	36.1	36.3	36.6	36.7
97.5°	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
100°	79.2	79.1	79.0	78.9	78.7	78.6	78.7	78.9	79.0	79.1	79.2
102.5°	103.3	103.2	103.1	103.0	102.8	102.7	102.8	103.0	103.1	103.2	103.3
105°	127.4	127.4	127.4	127.4	127.4	127.4	127.4	127.4	127.4	127.4	127.4
107.5°	152.6	152.3	151.7	151.0	150.4	149.8	150.4	151.0	151.7	152.3	152.6
110°	178.5	178.3	177.9	177.5	177.1	176.7	177.1	177.5	177.9	178.3	178.5

TEST NUMBER: P997935

CATALOG NUMBER: SA2XXDIP-B1005D530UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	203.7	203.6	203.3	203.1	202.8	202.6	202.8	203.1	203.3	203.6	203.7
115°	231.2	231.0	230.6	230.3	229.9	229.5	229.9	230.3	230.6	231.0	231.2
117.5°	256.5	256.3	255.9	255.6	255.2	254.8	255.2	255.6	255.9	256.3	256.5
120°	283.5	283.3	282.9	282.5	282.1	281.7	282.1	282.5	282.9	283.3	283.5
122.5°	309.3	309.2	308.9	308.6	308.4	308.1	308.4	308.6	308.9	309.2	309.3
125°	335.7	335.6	335.5	335.4	335.2	335.1	335.2	335.4	335.5	335.6	335.7
127.5°	360.9	360.7	360.3	360.0	359.6	359.2	359.6	360.0	360.3	360.7	360.9
130°	387.9	387.6	387.1	386.6	386.1	385.6	386.1	386.6	387.1	387.6	387.9
132.5°	412.6	412.4	412.0	411.7	411.3	410.9	411.3	411.7	412.0	412.4	412.6
135°	439.0	438.8	438.4	438.0	437.6	437.2	437.6	438.0	438.4	438.8	439.0
137.5°	463.1	462.8	462.3	461.8	461.3	460.8	461.3	461.8	462.3	462.8	463.1
140°	487.7	487.4	486.9	486.4	485.9	485.4	485.9	486.4	486.9	487.4	487.7
142.5°	510.1	509.8	509.3	508.8	508.3	507.8	508.3	508.8	509.3	509.8	510.1
145°	532.5	532.2	531.7	531.2	530.7	530.2	530.7	531.2	531.7	532.2	532.5
147.5°	552.6	552.3	551.8	551.3	550.8	550.3	550.8	551.3	551.8	552.3	552.6
150°	571.5	571.3	570.9	570.6	570.2	569.8	570.2	570.6	570.9	571.3	571.5
152.5°	590.5	590.2	589.7	589.2	588.7	588.2	588.7	589.2	589.7	590.2	590.5
155°	605.9	605.7	605.3	605.0	604.6	604.2	604.6	605.0	605.3	605.7	605.9
157.5°	621.4	621.1	620.5	619.8	619.2	618.6	619.2	619.8	620.5	621.1	621.4
160°	634.1	633.8	633.3	632.8	632.3	631.8	632.3	632.8	633.3	633.8	634.1
162.5°	646.1	645.8	645.1	644.5	643.8	643.2	643.8	644.5	645.1	645.8	646.1
165°	655.9	655.6	654.9	654.3	653.6	653.0	653.6	654.3	654.9	655.6	655.9
167.5°	664.5	664.2	663.5	662.9	662.2	661.6	662.2	662.9	663.5	664.2	664.5
170°	671.4	671.0	670.2	669.5	668.7	667.9	668.7	669.5	670.2	671.0	671.4
172.5°	676.5	676.1	675.4	674.6	673.9	673.1	673.9	674.6	675.4	676.1	676.5
175°	680.0	679.6	678.8	678.1	677.3	676.5	677.3	678.1	678.8	679.6	680.0
177.5°	681.7	681.3	680.5	679.8	679.0	678.2	679.0	679.8	680.5	681.3	681.7
180°	680.0	680.0	680.0	680.0	680.0	680.0	680.0	680.0	680.0	680.0	680.0

TEST NUMBER: P997935

CATALOG NUMBER: SA2XXDIP-B1005D530UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0
2.5°	1905.2	1917.5	1912.9	1895.9	1916.0	1916.0	1929.8	1929.8	1946.8	1953.0	1962.2
5°	1797.2	1806.4	1814.1	1806.4	1820.3	1841.9	1854.3	1865.1	1888.2	1897.4	1911.3
7.5°	1681.5	1698.4	1706.2	1706.2	1729.3	1754.0	1778.7	1794.1	1826.5	1838.8	1852.7
10°	1568.9	1588.9	1604.3	1602.8	1641.4	1656.8	1687.6	1723.1	1755.5	1774.0	1794.1
12.5°	1450.1	1460.9	1482.5	1513.3	1522.6	1550.4	1585.8	1630.6	1689.2	1706.2	1735.5
15°	1351.4	1380.7	1397.6	1411.5	1433.1	1459.3	1497.9	1541.1	1599.7	1636.7	1667.6
17.5°	1268.1	1306.6	1317.4	1314.3	1342.1	1382.2	1426.9	1459.3	1511.8	1556.5	1585.8
20°	1200.2	1215.6	1234.1	1241.8	1263.4	1306.6	1349.8	1386.8	1430.0	1465.5	1499.4
22.5°	1132.3	1144.6	1160.1	1173.9	1190.9	1215.6	1257.3	1303.5	1345.2	1379.1	1417.7
25°	1076.8	1084.5	1098.4	1109.2	1127.7	1144.6	1173.9	1224.9	1274.2	1294.3	1328.2
27.5°	1022.8	1028.9	1038.2	1050.5	1059.8	1076.8	1103.0	1144.6	1195.5	1215.6	1261.9
30°	974.9	979.6	988.8	995.0	999.6	1019.7	1039.7	1072.1	1110.7	1138.5	1172.4
32.5°	930.2	934.8	944.1	945.6	951.8	962.6	981.1	1010.4	1044.4	1067.5	1096.8
35°	880.8	883.9	893.2	896.3	900.9	910.2	924.0	945.6	976.5	993.5	1019.7
37.5°	842.3	840.7	846.9	851.5	857.7	862.3	867.0	888.6	911.7	927.1	947.2
40°	800.6	797.5	799.1	805.3	808.3	814.5	814.5	836.1	851.5	863.9	879.3
42.5°	759.0	757.4	754.4	757.4	760.5	762.1	763.6	779.0	794.5	805.3	822.2
45°	717.3	715.8	712.7	714.2	714.2	717.3	722.0	728.1	738.9	748.2	757.4
47.5°	678.8	675.7	671.0	669.5	672.6	672.6	672.6	678.8	689.6	692.6	701.9
50°	638.7	634.0	627.9	624.8	624.8	623.2	626.3	627.9	637.1	640.2	647.9
52.5°	595.5	592.4	586.2	580.0	581.6	578.5	580.0	581.6	584.7	589.3	593.9
55°	552.3	546.1	541.5	539.9	535.3	535.3	530.7	536.8	535.3	536.8	543.0
57.5°	510.6	504.4	496.7	493.6	489.0	487.5	484.4	482.8	484.4	489.0	493.6
60°	461.2	458.2	453.5	448.9	445.8	441.2	438.1	438.1	436.6	436.6	438.1
62.5°	413.4	411.9	405.7	404.2	401.1	398.0	393.4	390.3	390.3	393.4	394.9
65°	367.1	365.6	361.0	359.4	351.7	348.6	347.1	345.6	342.5	342.5	342.5
67.5°	324.0	319.3	319.3	311.6	305.4	302.4	299.3	297.7	297.7	297.7	299.3
70°	276.1	276.1	271.5	266.9	260.7	262.2	257.6	253.0	253.0	249.9	251.5
72.5°	229.9	228.3	223.7	222.1	217.5	212.9	209.8	212.9	208.3	206.7	208.3
75°	185.1	183.6	180.5	177.4	178.9	174.3	169.7	168.1	168.1	165.1	165.1
77.5°	141.9	145.0	138.8	137.3	134.2	131.1	129.6	128.0	128.0	128.0	131.1
80°	98.7	100.3	100.3	97.2	98.7	94.1	94.1	94.1	89.5	91.0	92.6
82.5°	63.2	63.2	61.7	63.2	61.7	61.7	60.2	60.2	58.6	58.6	60.2
85°	35.5	33.9	32.4	35.5	33.9	33.9	32.4	32.4	32.4	32.4	32.4
87.5°	7.7	9.3	9.3	9.3	9.3	10.8	10.8	10.8	12.3	12.3	12.3
90°	19.0	19.3	19.6	19.8	20.1	17.3	14.5	11.7	8.9	7.5	6.7
92.5°	18.3	18.2	18.1	17.9	17.8	17.7	17.5	17.4	17.3	17.2	16.7
95°	36.7	36.7	36.7	36.7	36.7	36.5	36.2	36.0	35.7	35.6	35.0
97.5°	57.4	57.4	57.4	57.4	57.4	56.9	56.4	55.9	55.4	55.1	54.5
100°	79.2	79.2	79.2	79.2	79.2	78.8	78.4	78.1	77.7	77.5	77.0
102.5°	103.2	103.1	103.0	102.8	102.7	102.2	101.7	101.2	100.7	100.4	100.0
105°	127.3	127.0	126.7	126.5	126.2	126.0	125.7	125.5	125.2	125.1	124.9
107.5°	152.5	152.4	152.3	152.2	152.1	152.1	152.1	152.1	152.1	152.1	151.8
110°	178.5	178.5	178.5	178.5	178.5	178.5	178.5	178.5	178.5	178.5	178.1

TEST NUMBER: P997935

CATALOG NUMBER: SA2XXDIP-B1005D530UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	203.9	204.3	204.6	205.0	205.4	205.5	205.7	205.8	205.9	206.0	205.6
115°	231.3	231.4	231.5	231.7	231.8	232.1	232.3	232.6	232.9	233.0	232.6
117.5°	256.7	257.1	257.4	257.8	258.2	258.8	259.5	260.1	260.8	261.1	260.6
120°	283.5	283.5	283.5	283.5	283.5	284.5	285.5	286.6	287.6	288.1	287.6
122.5°	309.5	309.9	310.2	310.6	311.0	311.6	312.3	312.9	313.6	313.9	313.3
125°	335.9	336.3	336.6	337.0	337.4	337.8	338.2	338.5	338.9	339.1	338.5
127.5°	361.2	361.7	362.2	362.7	363.2	363.7	364.2	364.7	365.2	365.5	364.8
130°	388.0	388.3	388.5	388.8	389.0	389.3	389.5	389.8	390.1	390.2	389.4
132.5°	412.9	413.5	414.2	414.8	415.4	415.3	415.2	415.1	415.0	414.9	414.3
135°	439.1	439.2	439.3	439.4	439.5	439.3	439.0	438.8	438.5	438.4	437.7
137.5°	463.2	463.3	463.4	463.5	463.6	463.4	463.1	462.9	462.6	462.5	461.9
140°	487.7	487.7	487.7	487.7	487.7	487.1	486.5	485.8	485.2	484.9	484.3
142.5°	510.0	509.9	509.8	509.6	509.5	509.1	508.7	508.4	508.0	507.8	507.2
145°	532.4	532.3	532.2	532.0	531.9	531.1	530.4	529.6	528.9	528.5	528.1
147.5°	552.5	552.2	551.9	551.7	551.4	550.9	550.4	549.9	549.4	549.1	548.5
150°	571.3	570.9	570.6	570.2	569.8	569.3	568.8	568.3	567.8	567.5	567.1
152.5°	590.2	589.7	589.2	588.7	588.2	587.6	586.9	586.3	585.6	585.3	584.9
155°	605.6	605.0	604.3	603.7	603.1	602.7	602.3	602.0	601.6	601.4	601.2
157.5°	621.0	620.1	619.2	618.3	617.4	617.2	616.9	616.7	616.4	616.3	616.2
160°	633.7	632.9	632.2	631.4	630.6	630.5	630.3	630.2	630.1	630.0	629.9
162.5°	645.7	644.8	643.9	643.0	642.1	642.0	641.8	641.7	641.6	641.5	641.5
165°	655.5	654.6	653.7	652.8	651.9	651.9	651.9	651.9	651.9	651.9	652.0
167.5°	664.1	663.2	662.3	661.4	660.5	660.5	660.5	660.5	660.5	660.5	660.7
170°	670.9	670.0	669.1	668.2	667.3	667.4	667.6	667.7	667.8	667.9	668.1
172.5°	676.1	675.2	674.3	673.4	672.5	672.6	672.8	672.9	673.0	673.1	673.3
175°	679.6	678.7	677.8	676.9	676.0	676.2	676.5	676.7	677.0	677.1	677.3
177.5°	681.3	680.5	679.8	679.0	678.2	678.5	678.7	679.0	679.3	679.4	679.6
180°	680.0	680.0	680.0	680.0	680.0	680.0	680.0	680.0	680.0	680.0	680.0

TEST NUMBER: P997935

CATALOG NUMBER: SA2XXDIP-B1005D530UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	2007.0	2007.0	2007.0	2007.0
2.5°	1970.0	1970.0	1993.1	2017.8
5°	1926.8	1937.6	1974.6	2008.5
7.5°	1885.1	1903.6	1949.9	1993.1
10°	1834.2	1858.9	1916.0	1966.9
12.5°	1784.8	1808.0	1874.3	1931.4
15°	1715.4	1744.7	1815.7	1886.6
17.5°	1646.0	1675.3	1761.7	1845.0
20°	1564.2	1602.8	1700.0	1811.1
22.5°	1488.6	1536.5	1644.5	1733.9
25°	1405.3	1479.4	1579.7	1695.4
27.5°	1331.3	1405.3	1507.2	1624.4
30°	1248.0	1323.6	1428.5	1536.5
32.5°	1167.8	1237.2	1339.0	1471.7
35°	1084.5	1150.8	1249.5	1383.7
37.5°	1008.9	1073.7	1181.7	1305.1
40°	934.8	1002.7	1095.3	1218.7
42.5°	865.4	925.6	1008.9	1132.3
45°	802.2	845.4	922.5	1038.2
47.5°	735.8	774.4	845.4	961.1
50°	674.1	706.5	768.2	876.2
52.5°	614.0	641.7	698.8	785.2
55°	560.0	586.2	627.9	712.7
57.5°	504.4	524.5	564.6	632.5
60°	450.5	469.0	501.4	556.9
62.5°	396.5	411.9	442.7	487.5
65°	348.6	361.0	384.1	422.7
67.5°	302.4	310.1	328.6	359.4
70°	257.6	263.8	279.2	303.9
72.5°	209.8	216.0	232.9	249.9
75°	169.7	171.2	183.6	197.5
77.5°	132.7	131.1	140.4	151.2
80°	91.0	95.6	103.4	108.0
82.5°	61.7	63.2	66.3	69.4
85°	33.9	35.5	35.5	40.1
87.5°	13.9	15.4	15.4	17.0
90°	5.2	3.7	2.1	0.6
92.5°	15.7	14.6	13.6	12.6
95°	33.7	32.4	31.1	29.8
97.5°	53.4	52.2	51.1	49.9
100°	76.0	74.9	73.9	72.9
102.5°	99.3	98.5	97.8	97.0
105°	124.5	124.2	123.8	123.4
107.5°	151.3	150.8	150.3	149.8
110°	177.3	176.6	175.8	175.0



TEST NUMBER: P997935

CATALOG NUMBER: SA2XXDIP-B1005D530UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	204.9	204.1	203.4	202.6
115°	231.8	231.1	230.3	229.5
117.5°	259.6	258.5	257.5	256.5
120°	286.6	285.5	284.5	283.5
122.5°	312.0	310.7	309.4	308.1
125°	337.4	336.3	335.1	334.0
127.5°	363.4	362.0	360.6	359.2
130°	387.7	386.0	384.4	382.7
132.5°	413.0	411.7	410.4	409.1
135°	436.3	434.9	433.5	432.1
137.5°	460.8	459.6	458.5	457.3
140°	483.2	482.0	480.9	479.7
142.5°	506.1	505.0	503.8	502.7
145°	527.2	526.3	525.4	524.5
147.5°	547.4	546.3	545.1	544.0
150°	566.4	565.6	564.9	564.1
152.5°	584.1	583.4	582.6	581.8
155°	600.8	600.4	600.0	599.6
157.5°	615.9	615.6	615.4	615.1
160°	629.6	629.4	629.1	628.9
162.5°	641.5	641.5	641.5	641.5
165°	652.1	652.2	652.3	652.4
167.5°	661.1	661.4	661.8	662.2
170°	668.5	668.8	669.2	669.6
172.5°	673.7	674.0	674.4	674.8
175°	677.7	678.0	678.4	678.8
177.5°	680.0	680.3	680.7	681.1
180°	680.0	680.0	680.0	680.0

TEST NUMBER: P997935

CATALOG NUMBER: SA2XXDIP-B1005D530UB35-4F0-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	19.55	20.57	20.32	21.36	22.32	17.04	18.07	17.82	18.85	19.81
	3H	20.37	21.29	21.16	22.09	23.08	18.40	19.32	19.19	20.11	21.10
	4H	20.55	21.41	21.35	22.22	23.22	18.87	19.73	19.67	20.54	21.54
	6H	20.60	21.40	21.42	22.21	23.23	19.19	19.98	20.00	20.80	21.81
	8H	20.59	21.34	21.41	22.18	23.19	19.27	20.03	20.10	20.86	21.88
	12H	20.56	21.28	21.39	22.10	23.14	19.32	20.04	20.15	20.87	21.91
4H	2H	19.61	20.47	20.42	21.28	22.28	17.51	18.37	18.32	19.18	20.18
	3H	20.61	21.32	21.43	22.16	23.18	18.98	19.70	19.80	20.54	21.56
	4H	20.89	21.54	21.72	22.38	23.42	19.53	20.18	20.36	21.02	22.06
	6H	21.03	21.59	21.88	22.45	23.50	19.91	20.47	20.76	21.34	22.39
	8H	21.03	21.55	21.88	22.41	23.47	20.03	20.55	20.88	21.41	22.47
	12H	21.00	21.47	21.87	22.35	23.42	20.09	20.56	20.96	21.44	22.51
8H	4H	20.91	21.43	21.76	22.29	23.35	19.68	20.20	20.53	21.06	22.12
	6H	21.10	21.53	21.97	22.43	23.49	20.12	20.55	21.00	21.45	22.51
	8H	21.13	21.51	22.02	22.41	23.48	20.27	20.65	21.16	21.55	22.63
	12H	21.12	21.46	22.01	22.34	23.47	20.37	20.71	21.26	21.59	22.73
12H	4H	20.87	21.35	21.75	22.23	23.29	19.66	20.13	20.53	21.01	22.08
	6H	21.07	21.46	21.96	22.35	23.43	20.12	20.50	21.01	21.40	22.48
	8H	21.11	21.45	22.01	22.34	23.47	20.29	20.62	21.18	21.51	22.64