

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: P997819

Luminaire Tested: SA2XXDIP-B1005D1080UB35-4F0-XX-W2A-A4

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P997819
REPORT IS A COMBINATION OF REPORTS P983553 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXDIP-B1005D1080UB35-4F0-XX-W2A-A4
Description: Define 2 Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

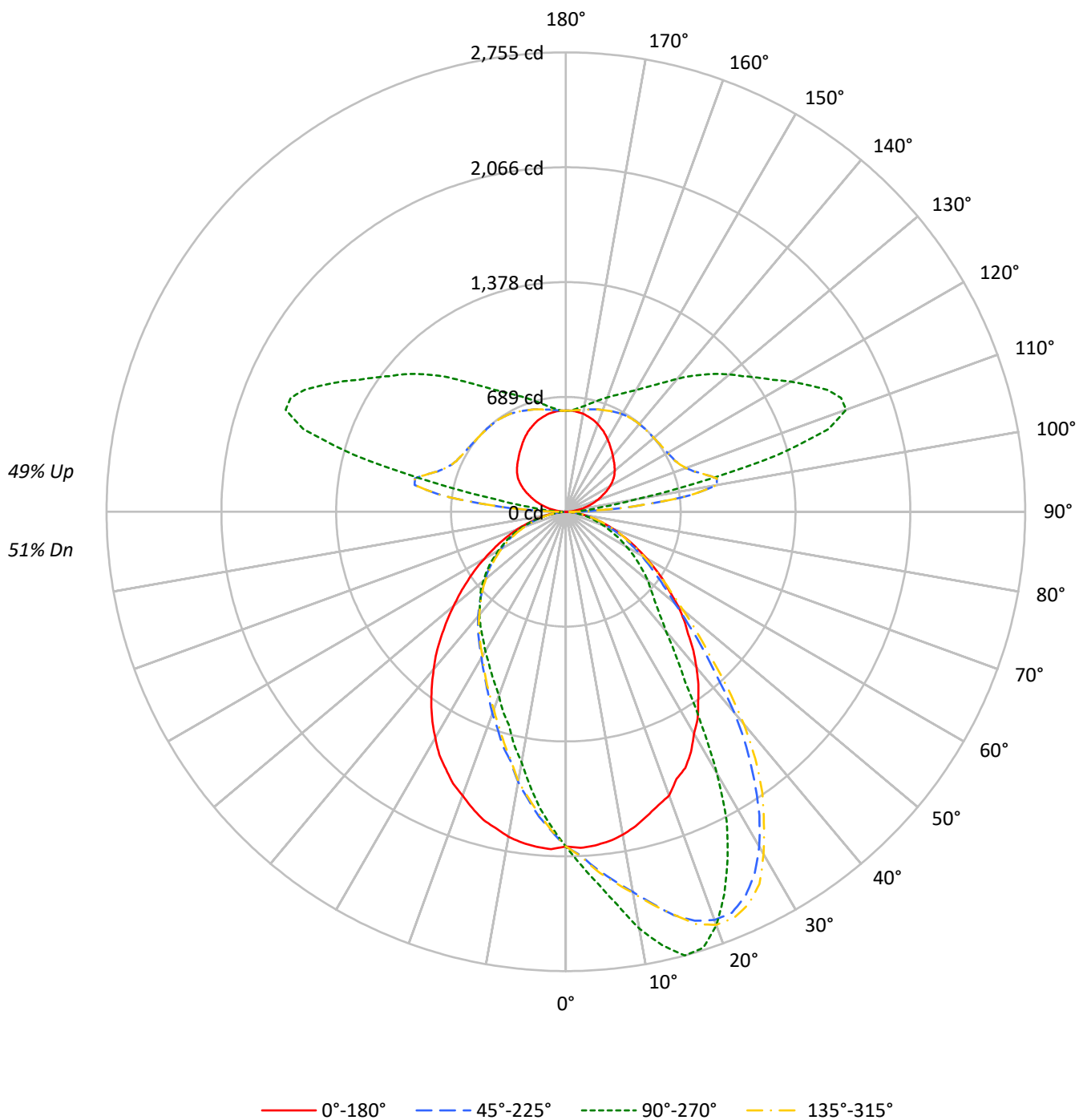
Lumens per Lamp: N/A
Luminaire Lumens: 8654.0 lumens
Efficiency: N/A
Efficacy: 89.9 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 96.3
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	107	107	107	107	99	99	99	99	84	84	84	70	70	70	57	57	57
1	99	94	91	87	91	87	84	81	74	72	70	62	61	59	51	50	49
2	90	83	77	72	83	77	72	68	66	62	59	55	53	50	46	44	42
3	83	73	66	61	76	68	62	57	58	54	50	49	46	43	41	39	37
4	76	65	58	52	70	61	54	49	52	47	43	44	41	37	37	34	32
5	70	58	51	45	64	54	48	42	47	42	37	40	36	33	34	31	28
6	64	53	45	39	59	49	42	37	43	37	33	36	32	29	31	27	25
7	60	48	40	34	55	45	38	33	39	33	29	33	29	26	28	25	22
8	55	43	36	31	51	41	34	29	35	30	26	31	26	23	26	23	20
9	52	40	32	27	48	37	31	26	33	27	24	28	24	21	24	21	18
10	48	37	29	25	45	34	28	24	30	25	21	26	22	19	22	19	17

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	2.2
10°-20°	556.4	6.4
20°-30°	807.5	9.3
30°-40°	851.2	9.8
40°-50°	753.3	8.7
50°-60°	601.5	7.0
60°-70°	408.5	4.7
70°-80°	209.0	2.4
80°-90°	53.3	0.6
90°-100°	236.3	2.7
100°-110°	832.3	9.6
110°-120°	874.1	10.1
120°-130°	719.1	8.3
130°-140°	577.7	6.7
140°-150°	436.4	5.0
150°-160°	306.8	3.5
160°-170°	180.6	2.1
170°-180°	58.7	0.7
0°-30°	1555.0	18.0
0°-40°	2406.3	27.8
0°-60°	3761.0	43.5
0°-90°	4431.9	51.2
90°-120°	1942.8	22.4
90°-150°	3676.0	42.5
90°-180°	4222.0	48.8
0°-180°	8654.0	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	38	1	38	1	5
95°	41	133	41	133	41	42
105°	142	1314	142	1314	142	151
115°	251	1729	251	1729	251	249
125°	350	1403	350	1403	350	311
135°	410	1162	410	1162	410	317
145°	469	928	469	928	469	294
155°	533	780	533	780	533	245
165°	581	684	581	684	581	164
175°	605	617	605	617	605	57
180°	606	606	606	606	606	

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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°	1.2	4.7	9.3	11.7	14.0	15.8	17.5	23.3	31.5	38.5	39.6
92.5°	17.5	24.5	33.8	39.6	49.0	55.4	61.8	93.3	137.6	177.2	179.6
95°	40.8	45.5	57.1	67.6	86.3	100.3	114.3	167.9	269.3	404.6	457.0
97.5°	60.6	67.6	80.4	95.6	116.6	132.4	148.1	216.9	357.9	576.0	745.0
100°	89.8	93.3	103.8	122.4	145.7	162.0	178.4	240.2	382.4	634.3	921.1
102.5°	116.6	118.9	129.4	148.1	172.6	188.9	205.2	261.2	383.6	612.1	926.9
105°	142.2	146.9	155.1	172.6	198.2	214.6	230.9	285.6	389.4	581.8	863.9
107.5°	170.2	173.7	181.9	198.2	223.9	240.2	256.5	310.1	402.2	565.5	805.6
110°	198.2	202.9	209.9	225.0	249.5	266.4	283.3	334.6	418.6	560.8	766.0

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	223.9	228.5	236.7	250.7	274.0	291.5	309.0	357.9	436.1	562.0	740.4
115°	250.7	256.5	263.5	277.5	300.8	316.6	332.3	382.4	453.5	566.6	722.9
117.5°	278.7	283.3	290.3	303.1	325.3	341.6	357.9	404.6	472.2	573.6	713.5
120°	304.3	309.0	316.0	326.5	349.8	366.1	382.4	427.9	490.8	580.6	705.4
122.5°	328.8	332.3	339.3	350.9	374.3	391.2	408.1	450.0	507.2	588.8	700.7
125°	349.8	353.3	360.3	374.3	397.6	413.9	430.2	472.2	524.7	596.9	694.9
127.5°	367.3	371.9	381.3	396.4	418.6	435.5	452.4	493.2	541.0	605.1	691.4
130°	382.4	387.1	398.7	415.1	438.4	454.7	471.0	511.8	556.1	614.4	689.1
132.5°	396.4	402.2	415.1	432.6	457.0	473.4	489.7	528.2	571.3	623.8	687.9
135°	410.4	415.1	429.1	446.5	473.4	489.7	506.0	543.3	584.1	630.8	686.7
137.5°	423.2	429.1	443.0	461.7	488.5	503.6	518.8	556.1	594.6	637.8	686.7
140°	438.4	443.0	457.0	475.7	501.3	516.5	531.7	566.6	602.8	642.4	685.6
142.5°	453.5	457.0	469.9	488.5	513.0	527.0	541.0	574.8	609.8	645.9	685.6
145°	468.7	473.4	485.0	502.5	525.8	538.6	551.5	583.0	615.6	648.2	683.2
147.5°	485.0	488.5	500.2	516.5	536.3	548.0	559.6	590.0	619.1	649.4	679.7
150°	501.3	504.8	514.2	529.3	546.8	557.3	567.8	594.6	621.4	648.2	676.2
152.5°	517.7	518.8	528.2	541.0	557.3	566.6	576.0	599.3	622.6	645.9	670.4
155°	532.8	534.0	541.0	553.8	566.6	575.4	584.1	603.9	623.8	643.6	663.4
157.5°	545.6	546.8	552.6	564.3	574.8	582.4	590.0	607.4	623.8	638.9	656.4
160°	558.5	559.6	564.3	573.6	583.0	589.4	595.8	609.8	623.8	635.4	649.4
162.5°	571.3	570.1	574.8	581.8	590.0	594.6	599.3	610.9	622.6	631.9	643.6
165°	580.6	579.5	581.8	588.8	594.6	598.1	601.6	612.1	620.3	627.3	635.4
167.5°	588.8	587.6	590.0	594.6	599.3	601.6	603.9	612.1	619.1	622.6	628.4
170°	596.9	594.6	595.8	599.3	601.6	603.4	605.1	610.9	616.8	619.1	622.6
172.5°	601.6	600.4	599.3	602.8	603.9	605.1	606.3	609.8	613.3	614.4	615.6
175°	605.1	603.9	602.8	605.1	605.1	605.7	606.3	608.6	610.9	609.8	610.9
177.5°	607.4	605.1	603.9	606.3	606.3	606.3	606.3	607.4	609.8	607.4	606.3
180°	606.3	606.3	606.3	606.3	606.3	606.3	606.3	606.3	606.3	606.3	606.3

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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°	38.5	37.3	35.0	37.3	37.9	38.5	38.5	38.5	38.5	38.5	38.5
92.5°	150.4	117.8	100.3	87.4	82.8	78.1	77.0	72.3	73.5	71.1	73.5
95°	399.9	305.5	234.3	185.4	172.6	159.7	144.6	135.2	131.7	132.9	131.7
97.5°	750.8	624.9	499.0	381.3	346.3	311.3	265.8	242.5	229.7	222.7	229.7
100°	1089.0	1064.5	919.9	760.2	689.7	619.1	522.3	472.2	438.4	417.4	438.4
102.5°	1214.9	1352.5	1347.8	1241.7	1165.9	1090.1	982.9	888.4	844.1	813.8	844.1
105°	1174.1	1416.6	1548.3	1563.5	1544.2	1525.0	1452.7	1380.4	1330.3	1314.0	1330.3
107.5°	1087.8	1347.8	1543.7	1657.9	1681.2	1704.6	1703.4	1692.9	1677.7	1650.9	1677.7
110°	1007.3	1253.4	1462.1	1611.3	1659.1	1706.9	1757.0	1779.2	1789.7	1788.5	1789.7

TEST NUMBER: P997819

CATALOG NUMBER: SA2XXDIP-B1005D1080UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	951.4	1167.1	1365.3	1527.3	1583.8	1640.4	1715.1	1755.9	1778.0	1786.2	1778.0
115°	907.1	1099.5	1279.0	1431.7	1491.8	1551.8	1634.6	1688.2	1718.6	1729.0	1718.6
117.5°	876.8	1043.5	1204.4	1346.6	1403.8	1460.9	1546.0	1603.1	1634.6	1642.8	1634.6
120°	853.4	1003.8	1148.4	1272.0	1325.0	1378.1	1459.7	1514.5	1548.3	1560.0	1548.3
122.5°	833.6	972.4	1101.8	1217.2	1263.8	1310.5	1381.6	1435.2	1464.4	1473.7	1464.4
125°	815.0	942.1	1062.1	1164.7	1208.4	1252.2	1319.8	1364.1	1393.3	1402.6	1393.3
127.5°	797.5	911.7	1022.5	1120.4	1161.2	1202.1	1261.5	1303.5	1329.1	1336.1	1329.1
130°	780.0	882.6	982.9	1075.0	1113.4	1151.9	1209.0	1248.7	1272.0	1281.3	1272.0
132.5°	766.0	854.6	945.6	1028.3	1063.9	1099.5	1155.4	1195.1	1216.0	1224.2	1216.0
135°	753.2	829.0	905.9	982.9	1015.6	1048.2	1098.3	1136.8	1157.7	1162.4	1157.7
137.5°	743.9	808.0	874.4	937.4	966.6	995.7	1043.5	1077.3	1096.0	1103.0	1096.0
140°	735.7	788.2	844.1	897.8	923.4	949.1	986.4	1016.7	1034.2	1041.2	1034.2
142.5°	727.5	771.8	817.3	861.6	882.0	902.4	937.4	964.2	979.4	979.4	979.4
145°	720.5	756.7	795.2	831.3	848.2	865.1	893.1	912.9	924.6	928.1	924.6
147.5°	713.5	745.0	776.5	805.6	818.4	831.3	855.8	872.1	880.3	882.6	880.3
150°	704.2	732.2	757.8	782.3	792.8	803.3	820.8	834.8	841.8	843.0	841.8
152.5°	696.0	719.4	742.7	762.5	771.2	780.0	792.8	804.5	809.1	809.1	809.1
155°	685.6	707.7	726.4	743.9	750.3	756.7	769.5	777.7	782.3	780.0	782.3
157.5°	676.2	693.7	710.0	725.2	730.4	735.7	745.0	752.0	754.3	754.3	754.3
160°	665.7	680.9	693.7	706.5	710.6	714.7	722.9	728.7	729.9	729.9	729.9
162.5°	656.4	668.1	678.6	689.1	692.0	694.9	703.0	706.5	707.7	706.5	707.7
165°	645.9	655.2	663.4	671.6	673.9	676.2	680.9	685.6	685.6	684.4	685.6
167.5°	635.4	642.4	649.4	655.2	657.6	659.9	662.2	664.6	664.6	663.4	664.6
170°	627.3	633.1	636.6	641.3	642.4	643.6	644.7	648.2	647.1	644.7	647.1
172.5°	619.1	622.6	624.9	628.4	629.0	629.6	630.8	631.9	630.8	629.6	630.8
175°	612.1	615.6	616.8	617.9	618.5	619.1	619.1	620.3	619.1	616.8	619.1
177.5°	607.4	609.8	609.8	610.9	610.9	610.9	610.9	610.9	609.8	607.4	609.8
180°	606.3	606.3	606.3	606.3	606.3	606.3	606.3	606.3	606.3	606.3	606.3

TEST NUMBER: P997819

CATALOG NUMBER: SA2XXDIP-B1005D1080UB35-4F0-XX-W2A-A4

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°	38.5	38.5	38.5	37.9	37.3	35.0	37.3	38.5	39.6	38.5	31.5
92.5°	72.3	77.0	78.1	82.8	87.4	100.3	117.8	150.4	179.6	177.2	137.6
95°	135.2	144.6	159.7	172.6	185.4	234.3	305.5	399.9	457.0	404.6	269.3
97.5°	242.5	265.8	311.3	346.3	381.3	499.0	624.9	750.8	745.0	576.0	357.9
100°	472.2	522.3	619.1	689.7	760.2	919.9	1064.5	1089.0	921.1	634.3	382.4
102.5°	888.4	982.9	1090.1	1165.9	1241.7	1347.8	1352.5	1214.9	926.9	612.1	383.6
105°	1380.4	1452.7	1525.0	1544.2	1563.5	1548.3	1416.6	1174.1	863.9	581.8	389.4
107.5°	1692.9	1703.4	1704.6	1681.2	1657.9	1543.7	1347.8	1087.8	805.6	565.5	402.2
110°	1779.2	1757.0	1706.9	1659.1	1611.3	1462.1	1253.4	1007.3	766.0	560.8	418.6

TEST NUMBER: P997819

CATALOG NUMBER: SA2XXDIP-B1005D1080UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	1755.9	1715.1	1640.4	1583.8	1527.3	1365.3	1167.1	951.4	740.4	562.0	436.1
115°	1688.2	1634.6	1551.8	1491.8	1431.7	1279.0	1099.5	907.1	722.9	566.6	453.5
117.5°	1603.1	1546.0	1460.9	1403.8	1346.6	1204.4	1043.5	876.8	713.5	573.6	472.2
120°	1514.5	1459.7	1378.1	1325.0	1272.0	1148.4	1003.8	853.4	705.4	580.6	490.8
122.5°	1435.2	1381.6	1310.5	1263.8	1217.2	1101.8	972.4	833.6	700.7	588.8	507.2
125°	1364.1	1319.8	1252.2	1208.4	1164.7	1062.1	942.1	815.0	694.9	596.9	524.7
127.5°	1303.5	1261.5	1202.1	1161.2	1120.4	1022.5	911.7	797.5	691.4	605.1	541.0
130°	1248.7	1209.0	1151.9	1113.4	1075.0	982.9	882.6	780.0	689.1	614.4	556.1
132.5°	1195.1	1155.4	1099.5	1063.9	1028.3	945.6	854.6	766.0	687.9	623.8	571.3
135°	1136.8	1098.3	1048.2	1015.6	982.9	905.9	829.0	753.2	686.7	630.8	584.1
137.5°	1077.3	1043.5	995.7	966.6	937.4	874.4	808.0	743.9	686.7	637.8	594.6
140°	1016.7	986.4	949.1	923.4	897.8	844.1	788.2	735.7	685.6	642.4	602.8
142.5°	964.2	937.4	902.4	882.0	861.6	817.3	771.8	727.5	685.6	645.9	609.8
145°	912.9	893.1	865.1	848.2	831.3	795.2	756.7	720.5	683.2	648.2	615.6
147.5°	872.1	855.8	831.3	818.4	805.6	776.5	745.0	713.5	679.7	649.4	619.1
150°	834.8	820.8	803.3	792.8	782.3	757.8	732.2	704.2	676.2	648.2	621.4
152.5°	804.5	792.8	780.0	771.2	762.5	742.7	719.4	696.0	670.4	645.9	622.6
155°	777.7	769.5	756.7	750.3	743.9	726.4	707.7	685.6	663.4	643.6	623.8
157.5°	752.0	745.0	735.7	730.4	725.2	710.0	693.7	676.2	656.4	638.9	623.8
160°	728.7	722.9	714.7	710.6	706.5	693.7	680.9	665.7	649.4	635.4	623.8
162.5°	706.5	703.0	694.9	692.0	689.1	678.6	668.1	656.4	643.6	631.9	622.6
165°	685.6	680.9	676.2	673.9	671.6	663.4	655.2	645.9	635.4	627.3	620.3
167.5°	664.6	662.2	659.9	657.6	655.2	649.4	642.4	635.4	628.4	622.6	619.1
170°	648.2	644.7	643.6	642.4	641.3	636.6	633.1	627.3	622.6	619.1	616.8
172.5°	631.9	630.8	629.6	629.0	628.4	624.9	622.6	619.1	615.6	614.4	613.3
175°	620.3	619.1	619.1	618.5	617.9	616.8	615.6	612.1	610.9	609.8	610.9
177.5°	610.9	610.9	610.9	610.9	610.9	609.8	609.8	607.4	606.3	607.4	609.8
180°	606.3	606.3	606.3	606.3	606.3	606.3	606.3	606.3	606.3	606.3	606.3

TEST NUMBER: P997819

CATALOG NUMBER: SA2XXDIP-B1005D1080UB35-4F0-XX-W2A-A4

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°	23.3	17.5	15.8	14.0	11.7	9.3	4.7	1.2	4.7	9.3	11.7
92.5°	93.3	61.8	55.4	49.0	39.6	33.8	24.5	17.5	24.5	33.8	39.6
95°	167.9	114.3	100.3	86.3	67.6	57.1	45.5	40.8	45.5	57.1	67.6
97.5°	216.9	148.1	132.4	116.6	95.6	80.4	67.6	60.6	67.6	80.4	95.6
100°	240.2	178.4	162.0	145.7	122.4	103.8	93.3	89.8	93.3	103.8	122.4
102.5°	261.2	205.2	188.9	172.6	148.1	129.4	118.9	116.6	118.9	129.4	148.1
105°	285.6	230.9	214.6	198.2	172.6	155.1	146.9	142.2	146.9	155.1	172.6
107.5°	310.1	256.5	240.2	223.9	198.2	181.9	173.7	170.2	173.7	181.9	198.2
110°	334.6	283.3	266.4	249.5	225.0	209.9	202.9	198.2	202.9	209.9	225.0

TEST NUMBER: P997819

CATALOG NUMBER: SA2XXDIP-B1005D1080UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	357.9	309.0	291.5	274.0	250.7	236.7	228.5	223.9	228.5	236.7	250.7
115°	382.4	332.3	316.6	300.8	277.5	263.5	256.5	250.7	256.5	263.5	277.5
117.5°	404.6	357.9	341.6	325.3	303.1	290.3	283.3	278.7	283.3	290.3	303.1
120°	427.9	382.4	366.1	349.8	326.5	316.0	309.0	304.3	309.0	316.0	326.5
122.5°	450.0	408.1	391.2	374.3	350.9	339.3	332.3	328.8	332.3	339.3	350.9
125°	472.2	430.2	413.9	397.6	374.3	360.3	353.3	349.8	353.3	360.3	374.3
127.5°	493.2	452.4	435.5	418.6	396.4	381.3	371.9	367.3	371.9	381.3	396.4
130°	511.8	471.0	454.7	438.4	415.1	398.7	387.1	382.4	387.1	398.7	415.1
132.5°	528.2	489.7	473.4	457.0	432.6	415.1	402.2	396.4	402.2	415.1	432.6
135°	543.3	506.0	489.7	473.4	446.5	429.1	415.1	410.4	415.1	429.1	446.5
137.5°	556.1	518.8	503.6	488.5	461.7	443.0	429.1	423.2	429.1	443.0	461.7
140°	566.6	531.7	516.5	501.3	475.7	457.0	443.0	438.4	443.0	457.0	475.7
142.5°	574.8	541.0	527.0	513.0	488.5	469.9	457.0	453.5	457.0	469.9	488.5
145°	583.0	551.5	538.6	525.8	502.5	485.0	473.4	468.7	473.4	485.0	502.5
147.5°	590.0	559.6	548.0	536.3	516.5	500.2	488.5	485.0	488.5	500.2	516.5
150°	594.6	567.8	557.3	546.8	529.3	514.2	504.8	501.3	504.8	514.2	529.3
152.5°	599.3	576.0	566.6	557.3	541.0	528.2	518.8	517.7	518.8	528.2	541.0
155°	603.9	584.1	575.4	566.6	553.8	541.0	534.0	532.8	534.0	541.0	553.8
157.5°	607.4	590.0	582.4	574.8	564.3	552.6	546.8	545.6	546.8	552.6	564.3
160°	609.8	595.8	589.4	583.0	573.6	564.3	559.6	558.5	559.6	564.3	573.6
162.5°	610.9	599.3	594.6	590.0	581.8	574.8	570.1	571.3	570.1	574.8	581.8
165°	612.1	601.6	598.1	594.6	588.8	581.8	579.5	580.6	579.5	581.8	588.8
167.5°	612.1	603.9	601.6	599.3	594.6	590.0	587.6	588.8	587.6	590.0	594.6
170°	610.9	605.1	603.4	601.6	599.3	595.8	594.6	596.9	594.6	595.8	599.3
172.5°	609.8	606.3	605.1	603.9	602.8	599.3	600.4	601.6	600.4	599.3	602.8
175°	608.6	606.3	605.7	605.1	605.1	602.8	603.9	605.1	603.9	602.8	605.1
177.5°	607.4	606.3	606.3	606.3	606.3	603.9	605.1	607.4	605.1	603.9	606.3
180°	606.3	606.3	606.3	606.3	606.3	606.3	606.3	606.3	606.3	606.3	606.3

TEST NUMBER: P997819

CATALOG NUMBER: SA2XXDIP-B1005D1080UB35-4F0-XX-W2A-A4

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°	14.0	15.8	17.5	23.3	31.5	38.5	39.6	38.5	37.3	35.0	37.3
92.5°	49.0	55.4	61.8	93.3	137.6	177.2	179.6	150.4	117.8	100.3	87.4
95°	86.3	100.3	114.3	167.9	269.3	404.6	457.0	399.9	305.5	234.3	185.4
97.5°	116.6	132.4	148.1	216.9	357.9	576.0	745.0	750.8	624.9	499.0	381.3
100°	145.7	162.0	178.4	240.2	382.4	634.3	921.1	1089.0	1064.5	919.9	760.2
102.5°	172.6	188.9	205.2	261.2	383.6	612.1	926.9	1214.9	1352.5	1347.8	1241.7
105°	198.2	214.6	230.9	285.6	389.4	581.8	863.9	1174.1	1416.6	1548.3	1563.5
107.5°	223.9	240.2	256.5	310.1	402.2	565.5	805.6	1087.8	1347.8	1543.7	1657.9
110°	249.5	266.4	283.3	334.6	418.6	560.8	766.0	1007.3	1253.4	1462.1	1611.3

TEST NUMBER: P997819

CATALOG NUMBER: SA2XXDIP-B1005D1080UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	274.0	291.5	309.0	357.9	436.1	562.0	740.4	951.4	1167.1	1365.3	1527.3
115°	300.8	316.6	332.3	382.4	453.5	566.6	722.9	907.1	1099.5	1279.0	1431.7
117.5°	325.3	341.6	357.9	404.6	472.2	573.6	713.5	876.8	1043.5	1204.4	1346.6
120°	349.8	366.1	382.4	427.9	490.8	580.6	705.4	853.4	1003.8	1148.4	1272.0
122.5°	374.3	391.2	408.1	450.0	507.2	588.8	700.7	833.6	972.4	1101.8	1217.2
125°	397.6	413.9	430.2	472.2	524.7	596.9	694.9	815.0	942.1	1062.1	1164.7
127.5°	418.6	435.5	452.4	493.2	541.0	605.1	691.4	797.5	911.7	1022.5	1120.4
130°	438.4	454.7	471.0	511.8	556.1	614.4	689.1	780.0	882.6	982.9	1075.0
132.5°	457.0	473.4	489.7	528.2	571.3	623.8	687.9	766.0	854.6	945.6	1028.3
135°	473.4	489.7	506.0	543.3	584.1	630.8	686.7	753.2	829.0	905.9	982.9
137.5°	488.5	503.6	518.8	556.1	594.6	637.8	686.7	743.9	808.0	874.4	937.4
140°	501.3	516.5	531.7	566.6	602.8	642.4	685.6	735.7	788.2	844.1	897.8
142.5°	513.0	527.0	541.0	574.8	609.8	645.9	685.6	727.5	771.8	817.3	861.6
145°	525.8	538.6	551.5	583.0	615.6	648.2	683.2	720.5	756.7	795.2	831.3
147.5°	536.3	548.0	559.6	590.0	619.1	649.4	679.7	713.5	745.0	776.5	805.6
150°	546.8	557.3	567.8	594.6	621.4	648.2	676.2	704.2	732.2	757.8	782.3
152.5°	557.3	566.6	576.0	599.3	622.6	645.9	670.4	696.0	719.4	742.7	762.5
155°	566.6	575.4	584.1	603.9	623.8	643.6	663.4	685.6	707.7	726.4	743.9
157.5°	574.8	582.4	590.0	607.4	623.8	638.9	656.4	676.2	693.7	710.0	725.2
160°	583.0	589.4	595.8	609.8	623.8	635.4	649.4	665.7	680.9	693.7	706.5
162.5°	590.0	594.6	599.3	610.9	622.6	631.9	643.6	656.4	668.1	678.6	689.1
165°	594.6	598.1	601.6	612.1	620.3	627.3	635.4	645.9	655.2	663.4	671.6
167.5°	599.3	601.6	603.9	612.1	619.1	622.6	628.4	635.4	642.4	649.4	655.2
170°	601.6	603.4	605.1	610.9	616.8	619.1	622.6	627.3	633.1	636.6	641.3
172.5°	603.9	605.1	606.3	609.8	613.3	614.4	615.6	619.1	622.6	624.9	628.4
175°	605.1	605.7	606.3	608.6	610.9	609.8	610.9	612.1	615.6	616.8	617.9
177.5°	606.3	606.3	606.3	607.4	609.8	607.4	606.3	607.4	609.8	609.8	610.9
180°	606.3	606.3	606.3	606.3	606.3	606.3	606.3	606.3	606.3	606.3	606.3

TEST NUMBER: P997819

CATALOG NUMBER: SA2XXDIP-B1005D1080UB35-4F0-XX-W2A-A4

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°	37.9	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	37.9
92.5°	82.8	78.1	77.0	72.3	73.5	71.1	73.5	72.3	77.0	78.1	82.8
95°	172.6	159.7	144.6	135.2	131.7	132.9	131.7	135.2	144.6	159.7	172.6
97.5°	346.3	311.3	265.8	242.5	229.7	222.7	229.7	242.5	265.8	311.3	346.3
100°	689.7	619.1	522.3	472.2	438.4	417.4	438.4	472.2	522.3	619.1	689.7
102.5°	1165.9	1090.1	982.9	888.4	844.1	813.8	844.1	888.4	982.9	1090.1	1165.9
105°	1544.2	1525.0	1452.7	1380.4	1330.3	1314.0	1330.3	1380.4	1452.7	1525.0	1544.2
107.5°	1681.2	1704.6	1703.4	1692.9	1677.7	1650.9	1677.7	1692.9	1703.4	1704.6	1681.2
110°	1659.1	1706.9	1757.0	1779.2	1789.7	1788.5	1789.7	1779.2	1757.0	1706.9	1659.1

TEST NUMBER: P997819

CATALOG NUMBER: SA2XXDIP-B1005D1080UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	1583.8	1640.4	1715.1	1755.9	1778.0	1786.2	1778.0	1755.9	1715.1	1640.4	1583.8
115°	1491.8	1551.8	1634.6	1688.2	1718.6	1729.0	1718.6	1688.2	1634.6	1551.8	1491.8
117.5°	1403.8	1460.9	1546.0	1603.1	1634.6	1642.8	1634.6	1603.1	1546.0	1460.9	1403.8
120°	1325.0	1378.1	1459.7	1514.5	1548.3	1560.0	1548.3	1514.5	1459.7	1378.1	1325.0
122.5°	1263.8	1310.5	1381.6	1435.2	1464.4	1473.7	1464.4	1435.2	1381.6	1310.5	1263.8
125°	1208.4	1252.2	1319.8	1364.1	1393.3	1402.6	1393.3	1364.1	1319.8	1252.2	1208.4
127.5°	1161.2	1202.1	1261.5	1303.5	1329.1	1336.1	1329.1	1303.5	1261.5	1202.1	1161.2
130°	1113.4	1151.9	1209.0	1248.7	1272.0	1281.3	1272.0	1248.7	1209.0	1151.9	1113.4
132.5°	1063.9	1099.5	1155.4	1195.1	1216.0	1224.2	1216.0	1195.1	1155.4	1099.5	1063.9
135°	1015.6	1048.2	1098.3	1136.8	1157.7	1162.4	1157.7	1136.8	1098.3	1048.2	1015.6
137.5°	966.6	995.7	1043.5	1077.3	1096.0	1103.0	1096.0	1077.3	1043.5	995.7	966.6
140°	923.4	949.1	986.4	1016.7	1034.2	1041.2	1034.2	1016.7	986.4	949.1	923.4
142.5°	882.0	902.4	937.4	964.2	979.4	979.4	979.4	964.2	937.4	902.4	882.0
145°	848.2	865.1	893.1	912.9	924.6	928.1	924.6	912.9	893.1	865.1	848.2
147.5°	818.4	831.3	855.8	872.1	880.3	882.6	880.3	872.1	855.8	831.3	818.4
150°	792.8	803.3	820.8	834.8	841.8	843.0	841.8	834.8	820.8	803.3	792.8
152.5°	771.2	780.0	792.8	804.5	809.1	809.1	809.1	804.5	792.8	780.0	771.2
155°	750.3	756.7	769.5	777.7	782.3	780.0	782.3	777.7	769.5	756.7	750.3
157.5°	730.4	735.7	745.0	752.0	754.3	754.3	754.3	752.0	745.0	735.7	730.4
160°	710.6	714.7	722.9	728.7	729.9	729.9	729.9	728.7	722.9	714.7	710.6
162.5°	692.0	694.9	703.0	706.5	707.7	706.5	707.7	706.5	703.0	694.9	692.0
165°	673.9	676.2	680.9	685.6	685.6	684.4	685.6	685.6	680.9	676.2	673.9
167.5°	657.6	659.9	662.2	664.6	664.6	663.4	664.6	664.6	662.2	659.9	657.6
170°	642.4	643.6	644.7	648.2	647.1	644.7	647.1	648.2	644.7	643.6	642.4
172.5°	629.0	629.6	630.8	631.9	630.8	629.6	630.8	631.9	630.8	629.6	629.0
175°	618.5	619.1	619.1	620.3	619.1	616.8	619.1	620.3	619.1	619.1	618.5
177.5°	610.9	610.9	610.9	610.9	609.8	607.4	609.8	610.9	610.9	610.9	610.9
180°	606.3	606.3	606.3	606.3	606.3	606.3	606.3	606.3	606.3	606.3	606.3

TEST NUMBER: P997819

CATALOG NUMBER: SA2XXDIP-B1005D1080UB35-4F0-XX-W2A-A4

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°	37.3	35.0	37.3	38.5	39.6	38.5	31.5	23.3	17.5	15.8	14.0
92.5°	87.4	100.3	117.8	150.4	179.6	177.2	137.6	93.3	61.8	55.4	49.0
95°	185.4	234.3	305.5	399.9	457.0	404.6	269.3	167.9	114.3	100.3	86.3
97.5°	381.3	499.0	624.9	750.8	745.0	576.0	357.9	216.9	148.1	132.4	116.6
100°	760.2	919.9	1064.5	1089.0	921.1	634.3	382.4	240.2	178.4	162.0	145.7
102.5°	1241.7	1347.8	1352.5	1214.9	926.9	612.1	383.6	261.2	205.2	188.9	172.6
105°	1563.5	1548.3	1416.6	1174.1	863.9	581.8	389.4	285.6	230.9	214.6	198.2
107.5°	1657.9	1543.7	1347.8	1087.8	805.6	565.5	402.2	310.1	256.5	240.2	223.9
110°	1611.3	1462.1	1253.4	1007.3	766.0	560.8	418.6	334.6	283.3	266.4	249.5

TEST NUMBER: P997819

CATALOG NUMBER: SA2XXDIP-B1005D1080UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	1527.3	1365.3	1167.1	951.4	740.4	562.0	436.1	357.9	309.0	291.5	274.0
115°	1431.7	1279.0	1099.5	907.1	722.9	566.6	453.5	382.4	332.3	316.6	300.8
117.5°	1346.6	1204.4	1043.5	876.8	713.5	573.6	472.2	404.6	357.9	341.6	325.3
120°	1272.0	1148.4	1003.8	853.4	705.4	580.6	490.8	427.9	382.4	366.1	349.8
122.5°	1217.2	1101.8	972.4	833.6	700.7	588.8	507.2	450.0	408.1	391.2	374.3
125°	1164.7	1062.1	942.1	815.0	694.9	596.9	524.7	472.2	430.2	413.9	397.6
127.5°	1120.4	1022.5	911.7	797.5	691.4	605.1	541.0	493.2	452.4	435.5	418.6
130°	1075.0	982.9	882.6	780.0	689.1	614.4	556.1	511.8	471.0	454.7	438.4
132.5°	1028.3	945.6	854.6	766.0	687.9	623.8	571.3	528.2	489.7	473.4	457.0
135°	982.9	905.9	829.0	753.2	686.7	630.8	584.1	543.3	506.0	489.7	473.4
137.5°	937.4	874.4	808.0	743.9	686.7	637.8	594.6	556.1	518.8	503.6	488.5
140°	897.8	844.1	788.2	735.7	685.6	642.4	602.8	566.6	531.7	516.5	501.3
142.5°	861.6	817.3	771.8	727.5	685.6	645.9	609.8	574.8	541.0	527.0	513.0
145°	831.3	795.2	756.7	720.5	683.2	648.2	615.6	583.0	551.5	538.6	525.8
147.5°	805.6	776.5	745.0	713.5	679.7	649.4	619.1	590.0	559.6	548.0	536.3
150°	782.3	757.8	732.2	704.2	676.2	648.2	621.4	594.6	567.8	557.3	546.8
152.5°	762.5	742.7	719.4	696.0	670.4	645.9	622.6	599.3	576.0	566.6	557.3
155°	743.9	726.4	707.7	685.6	663.4	643.6	623.8	603.9	584.1	575.4	566.6
157.5°	725.2	710.0	693.7	676.2	656.4	638.9	623.8	607.4	590.0	582.4	574.8
160°	706.5	693.7	680.9	665.7	649.4	635.4	623.8	609.8	595.8	589.4	583.0
162.5°	689.1	678.6	668.1	656.4	643.6	631.9	622.6	610.9	599.3	594.6	590.0
165°	671.6	663.4	655.2	645.9	635.4	627.3	620.3	612.1	601.6	598.1	594.6
167.5°	655.2	649.4	642.4	635.4	628.4	622.6	619.1	612.1	603.9	601.6	599.3
170°	641.3	636.6	633.1	627.3	622.6	619.1	616.8	610.9	605.1	603.4	601.6
172.5°	628.4	624.9	622.6	619.1	615.6	614.4	613.3	609.8	606.3	605.1	603.9
175°	617.9	616.8	615.6	612.1	610.9	609.8	610.9	608.6	606.3	605.7	605.1
177.5°	610.9	609.8	609.8	607.4	606.3	607.4	609.8	607.4	606.3	606.3	606.3
180°	606.3	606.3	606.3	606.3	606.3	606.3	606.3	606.3	606.3	606.3	606.3

TEST NUMBER: P997819

CATALOG NUMBER: SA2XXDIP-B1005D1080UB35-4F0-XX-W2A-A4

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°	11.7	9.3	4.7	1.2
92.5°	39.6	33.8	24.5	17.5
95°	67.6	57.1	45.5	40.8
97.5°	95.6	80.4	67.6	60.6
100°	122.4	103.8	93.3	89.8
102.5°	148.1	129.4	118.9	116.6
105°	172.6	155.1	146.9	142.2
107.5°	198.2	181.9	173.7	170.2
110°	225.0	209.9	202.9	198.2

TEST NUMBER: P997819

CATALOG NUMBER: SA2XXDIP-B1005D1080UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	250.7	236.7	228.5	223.9
115°	277.5	263.5	256.5	250.7
117.5°	303.1	290.3	283.3	278.7
120°	326.5	316.0	309.0	304.3
122.5°	350.9	339.3	332.3	328.8
125°	374.3	360.3	353.3	349.8
127.5°	396.4	381.3	371.9	367.3
130°	415.1	398.7	387.1	382.4
132.5°	432.6	415.1	402.2	396.4
135°	446.5	429.1	415.1	410.4
137.5°	461.7	443.0	429.1	423.2
140°	475.7	457.0	443.0	438.4
142.5°	488.5	469.9	457.0	453.5
145°	502.5	485.0	473.4	468.7
147.5°	516.5	500.2	488.5	485.0
150°	529.3	514.2	504.8	501.3
152.5°	541.0	528.2	518.8	517.7
155°	553.8	541.0	534.0	532.8
157.5°	564.3	552.6	546.8	545.6
160°	573.6	564.3	559.6	558.5
162.5°	581.8	574.8	570.1	571.3
165°	588.8	581.8	579.5	580.6
167.5°	594.6	590.0	587.6	588.8
170°	599.3	595.8	594.6	596.9
172.5°	602.8	599.3	600.4	601.6
175°	605.1	602.8	603.9	605.1
177.5°	606.3	603.9	605.1	607.4
180°	606.3	606.3	606.3	606.3

TEST NUMBER: P997819

CATALOG NUMBER: SA2XXDIP-B1005D1080UB35-4F0-XX-W2A-A4

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	17.97	18.81	18.93	19.77	21.03	15.46	16.30	16.42	17.27	18.52
	3H	18.78	19.53	19.75	20.51	21.78	16.81	17.56	17.77	18.53	19.81
	4H	18.95	19.66	19.93	20.64	21.92	17.27	17.98	18.25	18.96	20.24
	6H	18.99	19.65	19.98	20.63	21.93	17.58	18.23	18.57	19.21	20.51
	8H	18.97	19.59	19.97	20.59	21.89	17.66	18.28	18.65	19.28	20.58
	12H	18.93	19.52	19.93	20.52	21.84	17.70	18.29	18.70	19.28	20.60
4H	2H	18.01	18.72	19.00	19.70	20.99	15.91	16.62	16.89	17.59	18.88
	3H	18.99	19.58	19.98	20.59	21.89	17.37	17.96	18.36	18.96	20.27
	4H	19.27	19.80	20.27	20.80	22.13	17.90	18.44	18.90	19.44	20.76
	6H	19.39	19.86	20.41	20.88	22.20	18.28	18.74	19.29	19.76	21.09
	8H	19.39	19.82	20.41	20.84	22.18	18.39	18.82	19.40	19.84	21.17
	12H	19.35	19.74	20.39	20.78	22.12	18.44	18.83	19.48	19.87	21.21
8H	4H	19.27	19.70	20.29	20.72	22.06	18.04	18.47	19.06	19.49	20.83
	6H	19.45	19.81	20.49	20.86	22.20	18.48	18.83	19.51	19.89	21.23
	8H	19.48	19.79	20.53	20.84	22.19	18.63	18.94	19.67	19.98	21.34
	12H	19.46	19.74	20.51	20.78	22.18	18.72	18.99	19.77	20.03	21.43
12H	4H	19.23	19.62	20.26	20.65	21.99	18.01	18.40	19.05	19.44	20.78
	6H	19.43	19.74	20.48	20.79	22.14	18.48	18.79	19.52	19.83	21.19
	8H	19.46	19.74	20.51	20.77	22.17	18.63	18.91	19.68	19.95	21.34