

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: P997986

Luminaire Tested: SA2XXDIP-B1005D725UB30-4F0-XX-W2A-A1

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P997986
REPORT IS A COMBINATION OF REPORTS P983723 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXDIP-B1005D725UB30-4F0-XX-W2A-A1
Description: Define 2 Direct/Indirect Pendant with 3000K BioUP LEDs {m-DER=0.589} {m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

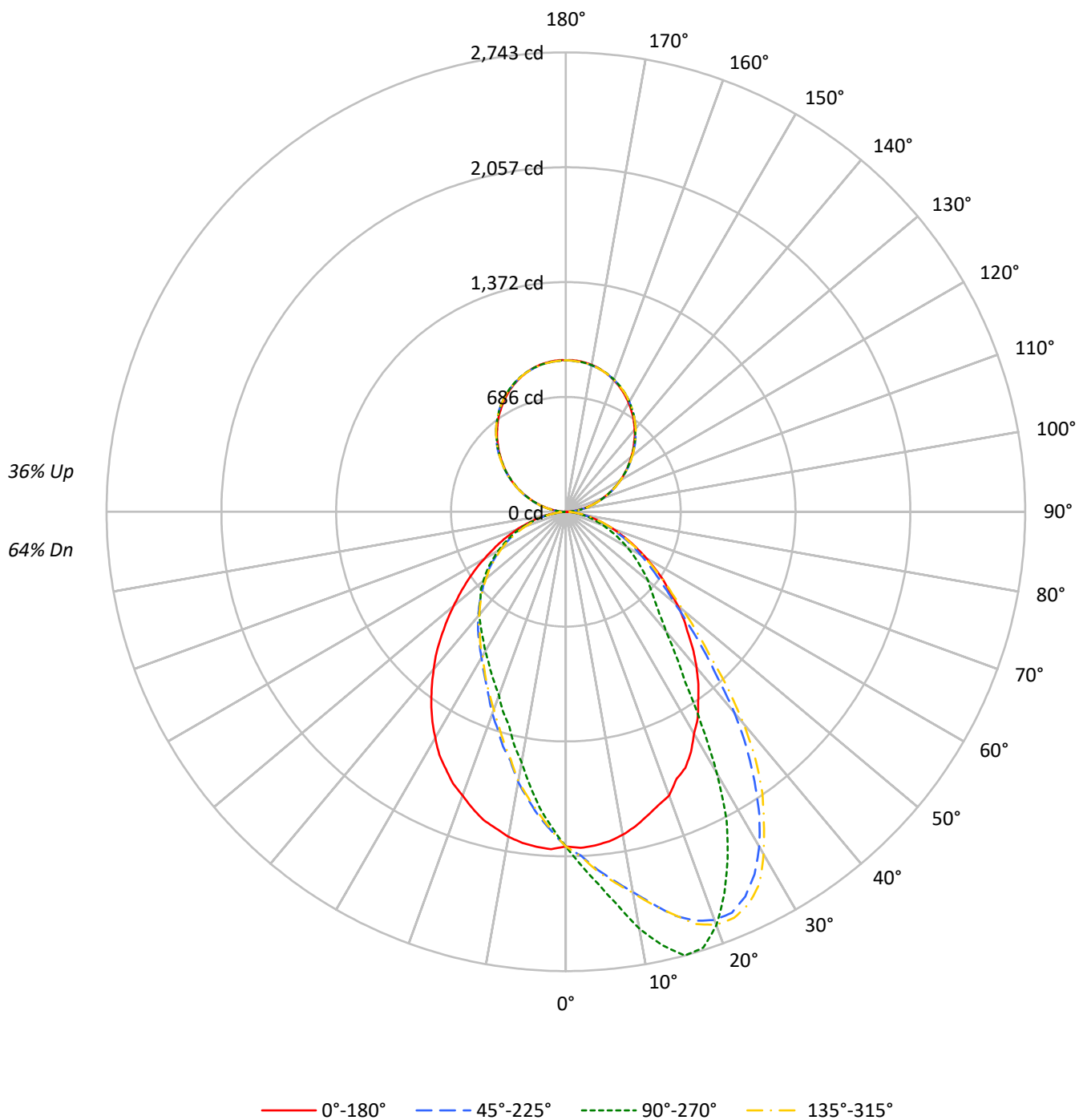
Lumens per Lamp: N/A
Luminaire Lumens: 6941.0 lumens
Efficiency: N/A
Efficacy: 84.2 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 82.4
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P997986

CATALOG NUMBER: SA2XXDIP-B1005D725UB30-4F0-XX-W2A-A1

Luminous Intensity Polar Plot



TEST NUMBER: P997986

CATALOG NUMBER: SA2XXDIP-B1005D725UB30-4F0-XX-W2A-A1

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	110	110	110	110	104	104	104	104	91	91	91	79	79	79	69	69	69
1	101	97	94	90	95	91	88	85	81	78	76	71	69	67	62	60	59
2	93	86	80	75	87	81	75	71	71	67	64	63	60	57	55	53	51
3	85	76	69	63	80	72	65	60	64	59	55	56	52	49	49	46	44
4	78	68	60	54	73	64	57	52	57	51	47	50	46	43	44	41	38
5	72	61	53	47	68	57	50	45	51	46	41	46	41	37	40	37	34
6	67	55	47	41	63	52	45	39	47	41	36	42	37	33	37	33	30
7	62	50	42	36	58	47	40	35	42	37	32	38	33	30	34	30	27
8	58	45	38	32	54	43	36	31	39	33	29	35	30	27	31	27	24
9	54	42	34	29	51	40	33	28	36	30	26	32	28	24	29	25	22
10	50	38	31	26	47	37	30	26	33	28	24	30	25	22	27	23	20

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	31633	31633	31633	31633
5°	31709	33727	31831	26833
10°	31340	36820	31537	22123
15°	30581	38835	31006	18635
20°	30103	36464	30103	16197
25°	29144	31327	29277	14485
30°	27566	24625	28092	13119
35°	26167	17029	26605	12005
40°	24560	12857	24839	11114
45°	22576	10566	22945	10154
50°	20865	9273	20900	9296
55°	18908	7902	19033	8363
60°	16826	6600	17060	7298
65°	14963	5368	15236	6232
70°	13105	4212	13438	5028
75°	10998	3057	11429	3646
80°	8583	1938	9197	2163
85°	5636	976	6074	722

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 32700 cd/sqm

TEST NUMBER: P997986

CATALOG NUMBER: SA2XXDIP-B1005D725UB30-4F0-XX-W2A-A1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	190.3	2.7
10°-20°	554.0	8.0
20°-30°	804.0	11.6
30°-40°	847.6	12.2
40°-50°	750.0	10.8
50°-60°	598.9	8.6
60°-70°	406.8	5.9
70°-80°	208.1	3.0
80°-90°	51.8	0.7
90°-100°	56.0	0.8
100°-110°	177.9	2.6
110°-120°	304.4	4.4
120°-130°	400.4	5.8
130°-140°	449.4	6.5
140°-150°	440.7	6.3
150°-160°	369.7	5.3
160°-170°	245.2	3.5
170°-180°	85.7	1.2
0°-30°	1548.4	22.3
0°-40°	2396.0	34.5
0°-60°	3744.9	54.0
0°-90°	4411.6	63.6
90°-120°	538.3	7.8
90°-150°	1828.9	26.3
90°-180°	2529.0	36.4
0°-180°	6941.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1998	1998	1998	1998	1998	
5°	2000	2232	2008	1776	2000	190
15°	1879	2743	1905	1316	1879	531
25°	1688	2286	1696	1057	1688	772
35°	1378	1244	1401	877	1378	862
45°	1034	750	1051	720	1034	802
55°	710	527	714	558	710	633
65°	421	324	429	376	421	418
75°	197	160	204	190	197	211
85°	40	42	43	31	40	47
90°	1	26	1	26	1	5
95°	40	47	40	47	40	44
105°	164	170	164	170	164	173
115°	305	305	305	305	305	302
125°	444	446	444	446	444	397
135°	575	582	575	582	575	444
145°	698	706	698	706	698	436
155°	798	804	798	804	798	367
165°	868	869	868	869	868	245
175°	903	900	903	900	903	86
180°	905	905	905	905	905	

TEST NUMBER: P997986

CATALOG NUMBER: SA2XXDIP-B1005D725UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4
2.5°	2009.1	2013.7	2021.4	2022.9	2038.3	2050.6	2064.4	2064.4	2069.0	2067.5	2055.2
5°	1999.9	2013.7	2033.7	2050.6	2078.2	2090.5	2109.0	2122.8	2135.1	2144.3	2142.8
7.5°	1984.5	2009.1	2038.3	2070.6	2107.4	2128.9	2155.0	2179.6	2196.5	2211.9	2222.6
10°	1958.4	1999.9	2039.8	2082.8	2130.5	2159.6	2190.4	2222.6	2248.7	2277.9	2305.6
12.5°	1923.1	1983.0	2032.2	2089.0	2147.4	2179.6	2228.8	2253.3	2304.0	2377.8	2397.7
15°	1878.6	1960.0	2006.0	2078.2	2155.0	2181.2	2248.7	2288.7	2393.1	2439.2	2494.5
17.5°	1837.1	1927.7	1989.1	2072.1	2147.4	2198.0	2264.1	2345.5	2433.1	2499.1	2560.5
20°	1803.3	1890.8	1964.6	2056.7	2152.0	2216.5	2285.6	2383.9	2479.1	2546.7	2594.3
22.5°	1726.5	1838.6	1924.6	2027.5	2142.8	2231.8	2297.9	2405.4	2508.3	2549.8	2591.3
25°	1688.1	1784.9	1884.7	2001.4	2136.6	2242.6	2299.4	2419.2	2509.9	2525.2	2534.4
27.5°	1617.4	1726.5	1843.2	1976.9	2135.1	2224.2	2296.4	2405.4	2477.6	2466.9	2439.2
30°	1529.9	1663.5	1792.5	1936.9	2113.6	2210.3	2277.9	2377.8	2414.6	2359.3	2310.2
32.5°	1465.4	1591.3	1734.2	1901.6	2089.0	2181.2	2247.2	2325.5	2333.2	2233.4	2150.4
35°	1377.8	1517.6	1678.9	1855.5	2047.5	2130.5	2191.9	2239.5	2202.7	2062.9	1964.6
37.5°	1299.5	1437.7	1609.8	1789.5	1990.7	2072.1	2121.2	2128.9	2038.3	1915.4	1771.0
40°	1213.5	1356.3	1536.0	1725.0	1927.7	1998.4	2029.1	2006.0	1875.5	1732.6	1565.2
42.5°	1127.4	1268.8	1462.3	1655.8	1847.8	1907.7	1920.0	1857.1	1697.3	1529.9	1336.3
45°	1033.7	1181.2	1374.7	1569.8	1755.7	1789.5	1791.0	1700.4	1511.4	1336.3	1156.6
47.5°	956.9	1093.6	1285.7	1480.7	1637.4	1660.4	1651.2	1546.8	1340.9	1144.3	987.7
50°	872.5	1003.0	1193.5	1385.5	1519.1	1525.3	1502.2	1353.2	1152.0	972.3	847.9
52.5°	781.8	913.9	1089.0	1273.4	1393.2	1384.0	1339.4	1179.7	990.7	841.7	746.5
55°	709.6	826.4	990.7	1170.4	1254.9	1228.8	1179.7	1016.8	867.9	741.9	659.0
57.5°	629.8	732.7	894.0	1050.6	1099.8	1075.2	1026.1	874.0	735.8	640.5	585.2
60°	554.5	648.2	789.5	920.1	958.5	932.4	875.5	738.8	639.0	559.1	517.6
62.5°	485.4	566.8	685.1	804.9	820.2	794.1	745.0	634.4	548.4	485.4	454.7
65°	420.9	497.7	592.9	683.5	697.4	669.7	619.0	539.1	467.0	427.0	397.8
67.5°	357.9	419.3	503.8	569.9	577.5	551.4	510.0	445.4	400.9	357.9	336.4
70°	302.6	348.7	414.7	468.5	471.6	447.0	425.5	367.1	333.3	302.6	285.7
72.5°	248.8	281.1	331.8	371.7	373.3	357.9	337.9	301.1	271.9	250.4	233.5
75°	196.6	224.3	255.0	290.3	288.8	276.5	261.1	238.1	213.5	199.7	192.0
77.5°	150.5	167.4	192.0	215.0	215.0	208.9	199.7	182.8	167.4	153.6	145.9
80°	107.5	118.3	138.2	145.9	149.0	147.5	139.8	127.5	121.3	110.6	107.5
82.5°	69.1	76.8	86.0	93.7	98.3	95.2	93.7	87.6	78.3	75.3	72.2
85°	39.9	43.0	47.6	52.2	53.8	52.2	55.3	50.7	46.1	46.1	44.5
87.5°	16.9	18.4	21.5	21.5	23.0	23.0	21.5	23.0	23.0	21.5	20.0
90°	0.8	2.8	4.8	6.9	8.9	9.9	11.8	15.5	19.2	23.0	26.7
92.5°	16.8	18.2	19.5	20.9	22.2	22.9	23.0	23.2	23.3	23.5	23.7
95°	39.7	41.4	43.1	44.8	46.5	47.3	47.5	47.8	48.2	48.5	48.9
97.5°	66.4	67.9	69.5	71.0	72.5	73.3	73.6	74.3	75.0	75.6	76.3
100°	97.0	98.4	99.7	101.1	102.4	103.1	103.4	103.9	104.4	104.9	105.4
102.5°	129.0	130.0	131.0	132.1	133.1	133.6	133.9	134.6	135.3	136.0	136.7
105°	164.1	164.6	165.1	165.6	166.1	166.4	166.6	166.9	167.3	167.6	168.0
107.5°	199.3	200.0	200.6	201.3	202.0	202.3	202.3	202.3	202.3	202.3	202.3
110°	232.9	233.9	234.9	235.9	236.9	237.4	237.4	237.4	237.4	237.4	237.4

TEST NUMBER: P997986

CATALOG NUMBER: SA2XXDIP-B1005D725UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	269.5	270.5	271.5	272.6	273.6	274.1	274.0	273.8	273.7	273.5	273.3
115°	305.4	306.4	307.4	308.5	309.5	310.0	309.8	309.5	309.1	308.8	308.4
117.5°	341.3	342.7	344.0	345.4	346.7	347.4	347.0	346.1	345.3	344.4	343.6
120°	377.2	378.6	379.9	381.3	382.6	383.3	382.6	381.3	379.9	378.6	377.2
122.5°	410.0	411.7	413.4	415.1	416.8	417.6	417.2	416.3	415.5	414.6	413.8
125°	444.3	445.8	447.4	448.9	450.4	451.2	450.9	450.4	449.9	449.4	448.9
127.5°	477.9	479.8	481.6	483.5	485.4	486.3	486.0	485.3	484.6	484.0	483.3
130°	509.2	511.4	513.6	515.9	518.1	519.2	519.0	518.7	518.3	518.0	517.6
132.5°	544.4	546.1	547.8	549.5	551.2	552.0	552.1	552.3	552.4	552.6	552.8
135°	574.9	576.8	578.6	580.5	582.4	583.3	583.5	583.8	584.1	584.5	584.8
137.5°	608.5	610.0	611.6	613.1	614.6	615.4	615.6	615.9	616.2	616.6	616.9
140°	638.3	639.8	641.3	642.8	644.3	645.1	645.5	646.4	647.3	648.1	649.0
142.5°	668.8	670.3	671.9	673.4	674.9	675.7	676.0	676.5	677.0	677.5	678.0
145°	697.8	699.0	700.2	701.4	702.6	703.2	703.7	704.7	705.7	706.7	707.7
147.5°	723.8	725.3	726.8	728.3	729.8	730.6	730.9	731.6	732.3	733.0	733.7
150°	750.5	751.5	752.5	753.6	754.6	755.1	755.4	756.1	756.8	757.4	758.1
152.5°	774.2	775.2	776.2	777.2	778.2	778.7	779.1	780.0	780.9	781.7	782.6
155°	797.8	798.3	798.8	799.3	799.8	800.1	800.4	800.9	801.4	801.9	802.4
157.5°	818.4	818.8	819.1	819.5	819.8	820.0	820.2	820.5	820.8	821.2	821.5
160°	836.8	837.1	837.5	837.8	838.1	838.3	838.4	838.6	838.7	838.9	839.1
162.5°	853.6	853.6	853.6	853.6	853.6	853.6	853.7	853.8	854.0	854.1	854.3
165°	868.1	867.9	867.7	867.6	867.4	867.3	867.3	867.3	867.3	867.3	867.3
167.5°	881.1	880.6	880.1	879.6	879.1	878.8	878.8	878.8	878.8	878.8	878.8
170°	891.0	890.5	890.0	889.5	889.0	888.7	888.6	888.4	888.3	888.1	887.9
172.5°	897.8	897.3	896.8	896.3	895.8	895.6	895.5	895.3	895.2	895.0	894.8
175°	903.2	902.7	902.2	901.7	901.2	900.9	900.7	900.4	900.1	899.7	899.4
177.5°	906.2	905.7	905.2	904.7	904.2	904.0	903.8	903.5	903.1	902.8	902.4
180°	904.7	904.7	904.7	904.7	904.7	904.7	904.7	904.7	904.7	904.7	904.7

TEST NUMBER: P997986

CATALOG NUMBER: SA2XXDIP-B1005D725UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4
2.5°	2076.7	2078.2	2081.3	2096.7	2104.3	2105.9	2099.7	2113.6	2118.2	2113.6	2110.5
5°	2175.0	2184.2	2202.7	2222.6	2221.1	2222.6	2231.8	2241.1	2244.1	2231.8	2236.4
7.5°	2261.0	2279.5	2299.4	2330.1	2330.1	2345.5	2351.6	2359.3	2377.8	2368.5	2365.5
10°	2359.3	2383.9	2420.8	2469.9	2471.5	2486.8	2502.2	2526.8	2534.4	2528.3	2531.4
12.5°	2482.2	2529.8	2532.9	2586.7	2611.2	2614.3	2638.9	2634.3	2649.6	2649.6	2675.7
15°	2536.0	2609.7	2651.2	2703.4	2718.8	2700.3	2720.3	2741.8	2743.3	2743.3	2741.8
17.5°	2632.7	2661.9	2703.4	2731.0	2737.2	2737.2	2738.7	2747.9	2741.8	2729.5	2738.7
20°	2652.7	2665.0	2680.4	2677.3	2680.4	2665.0	2649.6	2634.3	2635.8	2628.1	2651.2
22.5°	2615.8	2612.8	2577.4	2554.4	2554.4	2523.7	2494.5	2480.7	2466.9	2471.5	2479.1
25°	2523.7	2476.1	2433.1	2399.3	2391.6	2342.4	2302.5	2290.2	2267.2	2285.6	2288.7
27.5°	2376.2	2322.5	2253.3	2224.2	2184.2	2164.3	2136.6	2099.7	2052.1	2079.8	2075.2
30°	2218.0	2138.1	2081.3	2010.7	1947.7	1943.1	1890.8	1829.4	1804.8	1804.8	1818.6
32.5°	2041.4	1935.4	1852.4	1752.6	1691.2	1665.0	1602.1	1540.6	1554.5	1508.4	1525.3
35°	1835.5	1695.8	1591.3	1494.5	1448.5	1417.7	1336.3	1302.5	1265.7	1244.2	1284.1
37.5°	1638.9	1477.7	1344.0	1238.0	1221.1	1165.8	1110.5	1089.0	1067.5	1076.8	1075.2
40°	1399.3	1256.5	1136.7	1053.7	1024.5	998.4	961.5	935.4	921.6	929.3	930.8
42.5°	1182.7	1062.9	973.8	915.5	890.9	872.5	854.0	832.5	827.9	827.9	834.1
45°	1015.3	917.0	857.1	809.5	795.7	781.8	768.0	758.8	755.7	749.6	754.2
47.5°	881.7	803.3	766.5	731.1	715.8	712.7	700.4	695.8	689.7	688.1	689.7
50°	769.5	720.4	686.6	666.6	655.9	651.3	645.1	635.9	632.8	640.5	637.4
52.5°	691.2	645.1	626.7	606.7	600.6	594.4	585.2	586.8	585.2	582.2	582.2
55°	612.9	583.7	565.3	549.9	548.4	542.2	534.5	531.5	529.9	526.9	531.5
57.5°	549.9	526.9	510.0	496.1	490.0	490.0	482.3	476.2	476.2	474.6	476.2
60°	486.9	463.9	453.1	439.3	434.7	433.2	428.6	425.5	420.9	420.9	420.9
62.5°	428.6	410.1	397.8	385.5	387.1	379.4	373.3	370.2	370.2	371.7	371.7
65°	373.3	361.0	345.6	334.9	331.8	330.2	327.2	325.6	321.0	324.1	324.1
67.5°	322.6	305.7	296.5	291.8	287.2	285.7	282.6	279.6	278.0	276.5	279.6
70°	271.9	258.1	250.4	247.3	242.7	241.2	239.6	235.0	236.5	238.1	239.6
72.5°	225.8	213.5	212.0	202.8	202.8	202.8	196.6	199.7	198.1	195.1	198.1
75°	178.2	172.0	169.0	164.4	165.9	164.4	162.8	158.2	158.2	159.7	161.3
77.5°	141.3	135.2	133.6	129.0	126.0	129.0	126.0	124.4	124.4	126.0	126.0
80°	104.4	101.4	96.8	96.8	96.8	95.2	95.2	95.2	93.7	92.2	93.7
82.5°	69.1	69.1	67.6	66.0	67.6	64.5	66.0	66.0	66.0	66.0	66.0
85°	44.5	43.0	43.0	41.5	41.5	41.5	43.0	39.9	39.9	41.5	41.5
87.5°	20.0	20.0	20.0	21.5	20.0	20.0	20.0	21.5	20.0	20.0	20.0
90°	26.4	26.0	25.7	25.4	25.2	25.3	25.5	25.6	25.8	26.0	25.8
92.5°	23.9	24.0	24.2	24.3	24.4	24.4	24.4	24.4	24.4	24.4	24.4
95°	48.9	48.9	48.9	48.9	48.9	48.7	48.4	48.0	47.7	47.3	47.7
97.5°	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
100°	105.4	105.4	105.4	105.4	105.4	105.3	105.1	105.0	104.8	104.6	104.8
102.5°	136.9	137.0	137.2	137.3	137.4	137.3	137.2	137.0	136.9	136.7	136.9
105°	168.3	168.7	169.0	169.3	169.5	169.5	169.5	169.5	169.5	169.5	169.5
107.5°	202.5	202.7	202.8	203.0	203.1	202.7	201.8	201.0	200.1	199.3	200.1
110°	237.4	237.4	237.4	237.4	237.4	237.2	236.7	236.2	235.7	235.2	235.7

TEST NUMBER: P997986

CATALOG NUMBER: SA2XXDIP-B1005D725UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	272.8	272.3	271.8	271.3	271.0	270.8	270.5	270.2	269.8	269.5	269.8
115°	308.2	308.1	307.9	307.8	307.7	307.4	306.9	306.4	305.9	305.4	305.9
117.5°	343.1	342.6	342.1	341.6	341.3	341.0	340.5	340.0	339.5	339.0	339.5
120°	377.2	377.2	377.2	377.2	377.2	376.9	376.4	375.9	375.4	374.9	375.4
122.5°	413.3	412.8	412.3	411.8	411.5	411.3	411.0	410.7	410.3	410.0	410.3
125°	448.4	447.9	447.4	446.9	446.6	446.5	446.4	446.2	446.1	445.9	446.1
127.5°	482.6	481.9	481.2	480.5	480.2	479.9	479.4	478.9	478.4	477.9	478.4
130°	517.3	516.9	516.6	516.3	516.1	515.8	515.1	514.4	513.8	513.1	513.8
132.5°	551.9	551.1	550.2	549.3	548.9	548.6	548.1	547.6	547.1	546.6	547.1
135°	584.6	584.5	584.3	584.2	584.1	583.8	583.3	582.8	582.3	581.8	582.3
137.5°	616.7	616.5	616.4	616.2	616.1	615.8	615.1	614.4	613.8	613.1	613.8
140°	649.0	649.0	649.0	649.0	649.0	648.7	648.0	647.3	646.6	645.9	646.6
142.5°	678.2	678.3	678.5	678.6	678.7	678.4	677.7	677.0	676.4	675.7	676.4
145°	707.9	708.1	708.2	708.4	708.5	708.2	707.5	706.8	706.2	705.5	706.2
147.5°	734.0	734.4	734.7	735.0	735.2	734.9	734.2	733.5	732.9	732.2	732.9
150°	758.6	759.1	759.6	760.1	760.4	760.1	759.6	759.1	758.6	758.1	758.6
152.5°	783.3	783.9	784.6	785.3	785.6	785.3	784.6	783.9	783.3	782.6	783.3
155°	803.2	804.1	804.9	805.8	806.2	805.9	805.4	804.9	804.4	803.9	804.4
157.5°	822.7	823.9	825.0	826.2	826.8	826.4	825.5	824.7	823.8	823.0	823.8
160°	840.1	841.1	842.1	843.1	843.6	843.3	842.6	841.9	841.3	840.6	841.3
162.5°	855.5	856.7	857.9	859.1	859.7	859.3	858.4	857.6	856.7	855.9	856.7
165°	868.5	869.7	870.9	872.1	872.7	872.3	871.4	870.5	869.7	868.8	869.7
167.5°	880.0	881.2	882.3	883.5	884.1	883.7	882.8	882.0	881.1	880.3	881.1
170°	889.1	890.3	891.5	892.7	893.3	892.8	891.8	890.7	889.7	888.7	889.7
172.5°	896.0	897.2	898.3	899.5	900.1	899.6	898.6	897.6	896.6	895.6	896.6
175°	900.6	901.8	902.9	904.1	904.7	904.2	903.2	902.1	901.1	900.1	901.1
177.5°	903.4	904.4	905.5	906.5	907.0	906.5	905.5	904.4	903.4	902.4	903.4
180°	904.7	904.7	904.7	904.7	904.7	904.7	904.7	904.7	904.7	904.7	904.7

TEST NUMBER: P997986

CATALOG NUMBER: SA2XXDIP-B1005D725UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4
2.5°	2118.2	2107.4	2098.2	2099.7	2107.4	2101.3	2085.9	2065.9	2058.3	2049.1	2058.3
5°	2245.7	2236.4	2218.0	2219.6	2214.9	2208.8	2184.2	2153.5	2153.5	2128.9	2125.9
7.5°	2371.6	2357.8	2345.5	2342.4	2325.5	2313.2	2291.7	2248.7	2231.8	2202.7	2185.8
10°	2512.9	2502.2	2488.4	2471.5	2462.2	2440.7	2405.4	2342.4	2311.7	2271.8	2242.6
12.5°	2655.8	2654.2	2623.5	2589.7	2588.2	2554.4	2529.8	2445.3	2403.9	2350.1	2281.0
15°	2746.4	2738.7	2721.8	2704.9	2709.5	2672.7	2617.4	2517.5	2489.9	2425.4	2351.6
17.5°	2744.9	2744.9	2740.3	2737.2	2732.6	2721.8	2691.1	2625.1	2580.5	2499.1	2430.0
20°	2657.3	2677.3	2681.9	2680.4	2695.7	2703.4	2701.9	2660.4	2625.1	2552.9	2482.2
22.5°	2482.2	2528.3	2548.3	2560.5	2592.8	2609.7	2649.6	2634.3	2625.1	2571.3	2511.4
25°	2319.4	2334.8	2394.7	2397.7	2442.3	2483.7	2523.7	2549.8	2583.6	2563.6	2512.9
27.5°	2109.0	2144.3	2187.3	2219.6	2228.8	2313.2	2379.3	2428.5	2505.3	2511.4	2494.5
30°	1870.9	1887.8	1958.4	2001.4	2050.6	2112.0	2207.3	2291.7	2360.9	2423.8	2445.3
32.5°	1580.6	1649.7	1691.2	1743.4	1786.4	1895.5	2012.2	2121.2	2201.1	2307.1	2353.2
35°	1314.8	1368.6	1439.3	1460.8	1539.1	1631.3	1783.3	1923.1	2044.4	2152.0	2245.7
37.5°	1095.2	1138.2	1213.5	1247.2	1293.3	1411.6	1539.1	1712.7	1858.6	1990.7	2107.4
40°	944.7	976.9	1033.7	1044.5	1082.9	1190.4	1293.3	1456.1	1649.7	1827.9	1955.4
42.5°	841.7	857.1	895.5	909.3	933.9	1006.1	1098.3	1251.9	1431.6	1615.9	1795.6
45°	768.0	778.8	801.8	814.1	844.8	877.1	952.3	1075.2	1216.5	1402.4	1595.9
47.5°	702.0	715.8	725.0	732.7	749.6	784.9	834.1	924.7	1059.9	1230.4	1417.7
50°	646.7	651.3	668.2	669.7	680.5	703.5	749.6	804.9	912.4	1050.6	1231.9
52.5°	591.4	596.0	606.7	617.5	622.1	640.5	671.2	717.3	797.2	906.3	1067.5
55°	536.1	542.2	553.0	560.6	565.3	580.6	599.0	643.6	706.6	783.4	915.5
57.5°	480.8	494.6	497.7	502.3	510.0	526.9	543.8	569.9	619.0	689.7	786.4
60°	428.6	433.2	443.9	448.5	456.2	465.4	486.9	506.9	542.2	597.5	685.1
62.5°	374.8	385.5	390.1	394.8	400.9	411.7	425.5	447.0	477.7	522.2	591.4
65°	328.7	330.2	339.5	345.6	351.7	359.4	373.3	393.2	411.7	453.1	503.8
67.5°	284.2	287.2	290.3	296.5	304.1	311.8	324.1	334.9	357.9	385.5	425.5
70°	241.2	241.2	248.8	253.4	251.9	261.1	270.3	282.6	299.5	325.6	357.9
72.5°	202.8	201.2	207.4	208.9	212.0	218.1	224.3	236.5	245.8	265.7	290.3
75°	161.3	164.4	167.4	167.4	172.0	176.6	182.8	188.9	199.7	212.0	230.4
77.5°	127.5	127.5	130.6	132.1	136.7	135.2	141.3	147.5	155.1	165.9	179.7
80°	93.7	96.8	96.8	96.8	98.3	99.8	106.0	110.6	115.2	122.9	129.0
82.5°	66.0	66.0	69.1	69.1	69.1	72.2	72.2	73.7	76.8	81.4	86.0
85°	41.5	41.5	41.5	43.0	41.5	43.0	46.1	44.5	46.1	49.2	49.2
87.5°	20.0	20.0	20.0	20.0	20.0	21.5	20.0	21.5	23.0	23.0	23.0
90°	25.6	25.5	25.3	25.2	25.4	25.7	26.0	26.4	26.7	23.0	19.2
92.5°	24.4	24.4	24.4	24.4	24.3	24.2	24.0	23.9	23.7	23.5	23.3
95°	48.0	48.4	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.5	48.2
97.5°	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	75.6	75.0
100°	105.0	105.1	105.3	105.4	105.4	105.4	105.4	105.4	105.4	104.9	104.4
102.5°	137.0	137.2	137.3	137.4	137.3	137.2	137.0	136.9	136.7	136.0	135.3
105°	169.5	169.5	169.5	169.5	169.3	169.0	168.7	168.3	168.0	167.6	167.3
107.5°	201.0	201.8	202.7	203.1	203.0	202.8	202.7	202.5	202.3	202.3	202.3
110°	236.2	236.7	237.2	237.4	237.4	237.4	237.4	237.4	237.4	237.4	237.4

TEST NUMBER: P997986

CATALOG NUMBER: SA2XXDIP-B1005D725UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	270.2	270.5	270.8	271.0	271.3	271.8	272.3	272.8	273.3	273.5	273.7
115°	306.4	306.9	307.4	307.7	307.8	307.9	308.1	308.2	308.4	308.8	309.1
117.5°	340.0	340.5	341.0	341.3	341.6	342.1	342.6	343.1	343.6	344.4	345.3
120°	375.9	376.4	376.9	377.2	377.2	377.2	377.2	377.2	377.2	378.6	379.9
122.5°	410.7	411.0	411.3	411.5	411.8	412.3	412.8	413.3	413.8	414.6	415.5
125°	446.2	446.4	446.5	446.6	446.9	447.4	447.9	448.4	448.9	449.4	449.9
127.5°	478.9	479.4	479.9	480.2	480.5	481.2	481.9	482.6	483.3	484.0	484.6
130°	514.4	515.1	515.8	516.1	516.3	516.6	516.9	517.3	517.6	518.0	518.3
132.5°	547.6	548.1	548.6	548.9	549.3	550.2	551.1	551.9	552.8	552.6	552.4
135°	582.8	583.3	583.8	584.1	584.2	584.3	584.5	584.6	584.8	584.5	584.1
137.5°	614.4	615.1	615.8	616.1	616.2	616.4	616.5	616.7	616.9	616.6	616.2
140°	647.3	648.0	648.7	649.0	649.0	649.0	649.0	649.0	649.0	648.1	647.3
142.5°	677.0	677.7	678.4	678.7	678.6	678.5	678.3	678.2	678.0	677.5	677.0
145°	706.8	707.5	708.2	708.5	708.4	708.2	708.1	707.9	707.7	706.7	705.7
147.5°	733.5	734.2	734.9	735.2	735.0	734.7	734.4	734.0	733.7	733.0	732.3
150°	759.1	759.6	760.1	760.4	760.1	759.6	759.1	758.6	758.1	757.4	756.8
152.5°	783.9	784.6	785.3	785.6	785.3	784.6	783.9	783.3	782.6	781.7	780.9
155°	804.9	805.4	805.9	806.2	805.8	804.9	804.1	803.2	802.4	801.9	801.4
157.5°	824.7	825.5	826.4	826.8	826.2	825.0	823.9	822.7	821.5	821.2	820.8
160°	841.9	842.6	843.3	843.6	843.1	842.1	841.1	840.1	839.1	838.9	838.7
162.5°	857.6	858.4	859.3	859.7	859.1	857.9	856.7	855.5	854.3	854.1	854.0
165°	870.5	871.4	872.3	872.7	872.1	870.9	869.7	868.5	867.3	867.3	867.3
167.5°	882.0	882.8	883.7	884.1	883.5	882.3	881.2	880.0	878.8	878.8	878.8
170°	890.7	891.8	892.8	893.3	892.7	891.5	890.3	889.1	887.9	888.1	888.3
172.5°	897.6	898.6	899.6	900.1	899.5	898.3	897.2	896.0	894.8	895.0	895.2
175°	902.1	903.2	904.2	904.7	904.1	902.9	901.8	900.6	899.4	899.7	900.1
177.5°	904.4	905.5	906.5	907.0	906.5	905.5	904.4	903.4	902.4	902.8	903.1
180°	904.7	904.7	904.7	904.7	904.7	904.7	904.7	904.7	904.7	904.7	904.7

TEST NUMBER: P997986

CATALOG NUMBER: SA2XXDIP-B1005D725UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4
2.5°	2050.6	2042.9	2038.3	2041.4	2032.2	2009.1	2009.1	2016.8	2007.6	1998.4	1984.5
5°	2107.4	2092.1	2082.8	2081.3	2059.8	2022.9	2015.3	2007.6	1987.6	1966.1	1943.1
7.5°	2162.7	2135.1	2119.7	2109.0	2078.2	2030.6	2010.7	1993.8	1961.5	1929.2	1900.1
10°	2208.8	2168.9	2150.4	2133.5	2093.6	2033.7	2001.4	1970.7	1929.2	1887.8	1850.9
12.5°	2245.7	2199.6	2176.5	2152.0	2102.8	2024.5	1984.5	1935.4	1893.9	1838.6	1801.8
15°	2307.1	2211.9	2190.4	2167.3	2116.6	2009.1	1960.0	1904.7	1847.8	1774.1	1734.2
17.5°	2356.3	2228.8	2227.2	2178.1	2112.0	2003.0	1927.7	1855.5	1794.1	1720.3	1657.4
20°	2385.4	2254.9	2230.3	2179.6	2096.7	1961.5	1883.2	1803.3	1737.2	1648.2	1585.2
22.5°	2410.0	2291.7	2227.2	2165.8	2064.4	1947.7	1832.5	1757.2	1666.6	1569.8	1509.9
25°	2419.2	2299.4	2231.8	2161.2	2041.4	1907.7	1777.2	1695.8	1594.4	1506.8	1425.4
27.5°	2420.8	2297.9	2214.9	2141.2	2009.1	1855.5	1721.9	1635.9	1523.7	1422.4	1340.9
30°	2405.4	2281.0	2205.7	2125.9	1978.4	1807.9	1654.3	1559.1	1439.3	1337.9	1253.4
32.5°	2359.3	2247.2	2185.8	2098.2	1938.5	1741.8	1589.8	1483.8	1357.8	1258.0	1176.6
35°	2282.5	2205.7	2138.1	2056.7	1886.2	1680.4	1525.3	1400.9	1273.4	1178.1	1101.3
37.5°	2187.3	2145.8	2082.8	2003.0	1826.3	1625.1	1453.1	1314.8	1187.3	1095.2	1019.9
40°	2058.3	2069.0	2007.6	1935.4	1755.7	1549.8	1359.4	1227.3	1107.5	1021.5	947.7
42.5°	1918.5	1963.0	1927.7	1858.6	1677.3	1466.9	1290.3	1144.3	1027.6	938.5	877.1
45°	1768.0	1844.8	1823.3	1772.6	1595.9	1379.3	1192.0	1050.6	947.7	861.7	807.9
47.5°	1603.6	1712.7	1712.7	1675.8	1505.3	1291.8	1107.5	963.1	861.7	800.3	748.0
50°	1436.2	1559.1	1579.0	1554.5	1403.9	1192.0	1004.6	874.0	786.4	726.5	688.1
52.5°	1261.1	1403.9	1440.8	1428.5	1296.4	1096.7	920.1	792.6	712.7	660.5	626.7
55°	1093.6	1259.5	1299.5	1304.1	1181.2	992.3	826.4	714.3	637.4	602.1	572.9
57.5°	935.4	1095.2	1139.7	1147.4	1064.5	897.0	738.8	640.5	571.4	542.2	519.2
60°	800.3	933.9	992.3	1009.2	937.0	786.4	657.4	562.2	510.0	482.3	460.8
62.5°	689.7	797.2	858.6	863.2	831.0	689.7	572.9	493.1	448.5	423.9	413.2
65°	582.2	678.9	715.8	734.2	708.1	597.5	494.6	428.6	393.2	371.7	361.0
67.5°	496.1	557.6	588.3	612.9	586.8	503.8	420.9	367.1	341.0	319.5	313.3
70°	407.0	457.7	480.8	505.4	482.3	419.3	359.4	310.3	287.2	270.3	262.7
72.5°	325.6	365.6	387.1	402.4	388.6	336.4	287.2	253.4	236.5	224.3	219.7
75°	258.1	285.7	298.0	308.7	302.6	262.7	231.9	204.3	188.9	178.2	175.1
77.5°	196.6	216.6	230.4	233.5	225.8	199.7	173.6	156.7	144.4	138.2	135.2
80°	139.8	152.1	159.7	164.4	156.7	145.9	127.5	115.2	104.4	96.8	95.2
82.5°	93.7	99.8	106.0	104.4	101.4	92.2	81.4	75.3	70.7	64.5	64.5
85°	53.8	55.3	58.4	59.9	58.4	52.2	46.1	43.0	39.9	35.3	35.3
87.5°	23.0	24.6	24.6	26.1	23.0	23.0	20.0	16.9	16.9	15.4	13.8
90°	15.5	11.8	9.9	8.9	6.9	4.8	2.8	0.8	2.8	4.8	6.9
92.5°	23.2	23.0	22.9	22.2	20.9	19.5	18.2	16.8	18.2	19.5	20.9
95°	47.8	47.5	47.3	46.5	44.8	43.1	41.4	39.7	41.4	43.1	44.8
97.5°	74.3	73.6	73.3	72.5	71.0	69.5	67.9	66.4	67.9	69.5	71.0
100°	103.9	103.4	103.1	102.4	101.1	99.7	98.4	97.0	98.4	99.7	101.1
102.5°	134.6	133.9	133.6	133.1	132.1	131.0	130.0	129.0	130.0	131.0	132.1
105°	166.9	166.6	166.4	166.1	165.6	165.1	164.6	164.1	164.6	165.1	165.6
107.5°	202.3	202.3	202.3	202.0	201.3	200.6	200.0	199.3	200.0	200.6	201.3
110°	237.4	237.4	237.4	236.9	235.9	234.9	233.9	232.9	233.9	234.9	235.9

TEST NUMBER: P997986

CATALOG NUMBER: SA2XXDIP-B1005D725UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	273.8	274.0	274.1	273.6	272.6	271.5	270.5	269.5	270.5	271.5	272.6
115°	309.5	309.8	310.0	309.5	308.5	307.4	306.4	305.4	306.4	307.4	308.5
117.5°	346.1	347.0	347.4	346.7	345.4	344.0	342.7	341.3	342.7	344.0	345.4
120°	381.3	382.6	383.3	382.6	381.3	379.9	378.6	377.2	378.6	379.9	381.3
122.5°	416.3	417.2	417.6	416.8	415.1	413.4	411.7	410.0	411.7	413.4	415.1
125°	450.4	450.9	451.2	450.4	448.9	447.4	445.8	444.3	445.8	447.4	448.9
127.5°	485.3	486.0	486.3	485.4	483.5	481.6	479.8	477.9	479.8	481.6	483.5
130°	518.7	519.0	519.2	518.1	515.9	513.6	511.4	509.2	511.4	513.6	515.9
132.5°	552.3	552.1	552.0	551.2	549.5	547.8	546.1	544.4	546.1	547.8	549.5
135°	583.8	583.5	583.3	582.4	580.5	578.6	576.8	574.9	576.8	578.6	580.5
137.5°	615.9	615.6	615.4	614.6	613.1	611.6	610.0	608.5	610.0	611.6	613.1
140°	646.4	645.5	645.1	644.3	642.8	641.3	639.8	638.3	639.8	641.3	642.8
142.5°	676.5	676.0	675.7	674.9	673.4	671.9	670.3	668.8	670.3	671.9	673.4
145°	704.7	703.7	703.2	702.6	701.4	700.2	699.0	697.8	699.0	700.2	701.4
147.5°	731.6	730.9	730.6	729.8	728.3	726.8	725.3	723.8	725.3	726.8	728.3
150°	756.1	755.4	755.1	754.6	753.6	752.5	751.5	750.5	751.5	752.5	753.6
152.5°	780.0	779.1	778.7	778.2	777.2	776.2	775.2	774.2	775.2	776.2	777.2
155°	800.9	800.4	800.1	799.8	799.3	798.8	798.3	797.8	798.3	798.8	799.3
157.5°	820.5	820.2	820.0	819.8	819.5	819.1	818.8	818.4	818.8	819.1	819.5
160°	838.6	838.4	838.3	838.1	837.8	837.5	837.1	836.8	837.1	837.5	837.8
162.5°	853.8	853.7	853.6	853.6	853.6	853.6	853.6	853.6	853.6	853.6	853.6
165°	867.3	867.3	867.3	867.4	867.6	867.7	867.9	868.1	867.9	867.7	867.6
167.5°	878.8	878.8	878.8	879.1	879.6	880.1	880.6	881.1	880.6	880.1	879.6
170°	888.4	888.6	888.7	889.0	889.5	890.0	890.5	891.0	890.5	890.0	889.5
172.5°	895.3	895.5	895.6	895.8	896.3	896.8	897.3	897.8	897.3	896.8	896.3
175°	900.4	900.7	900.9	901.2	901.7	902.2	902.7	903.2	902.7	902.2	901.7
177.5°	903.5	903.8	904.0	904.2	904.7	905.2	905.7	906.2	905.7	905.2	904.7
180°	904.7	904.7	904.7	904.7	904.7	904.7	904.7	904.7	904.7	904.7	904.7

TEST NUMBER: P997986

CATALOG NUMBER: SA2XXDIP-B1005D725UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4
2.5°	1976.9	1984.5	1983.0	1967.6	1950.7	1936.9	1910.8	1913.9	1904.7	1906.2	1915.4
5°	1927.7	1927.7	1921.6	1900.1	1872.4	1857.1	1827.9	1820.2	1801.8	1800.2	1798.7
7.5°	1875.5	1867.8	1860.1	1829.4	1795.6	1771.0	1731.1	1721.9	1703.4	1691.2	1685.0
10°	1814.0	1803.3	1787.9	1752.6	1711.1	1680.4	1638.9	1626.6	1591.3	1576.0	1566.7
12.5°	1746.5	1740.3	1715.7	1686.6	1619.0	1585.2	1525.3	1537.6	1502.2	1471.5	1466.9
15°	1678.9	1655.8	1642.0	1594.4	1513.0	1497.6	1450.0	1425.4	1393.2	1368.6	1368.6
17.5°	1612.8	1577.5	1546.8	1496.1	1436.2	1393.2	1357.8	1345.6	1305.6	1281.0	1276.4
20°	1525.3	1485.3	1477.7	1405.5	1364.0	1316.4	1282.6	1251.9	1222.7	1211.9	1204.2
22.5°	1442.3	1396.2	1384.0	1322.5	1281.0	1233.4	1199.6	1178.1	1156.6	1148.9	1135.1
25°	1353.2	1325.6	1307.2	1241.1	1195.0	1150.5	1127.4	1112.1	1092.1	1090.6	1081.4
27.5°	1267.2	1241.1	1222.7	1159.7	1125.9	1084.4	1066.0	1049.1	1038.4	1033.7	1029.1
30°	1193.5	1164.3	1142.8	1096.7	1055.2	1021.5	1006.1	995.3	989.2	981.5	980.0
32.5°	1112.1	1095.2	1066.0	1030.7	998.4	966.2	956.9	949.3	940.0	937.0	935.4
35°	1043.0	1019.9	1001.5	961.5	947.7	920.1	909.3	903.2	890.9	887.8	884.7
37.5°	975.4	953.9	933.9	909.3	883.2	867.9	861.7	852.5	846.3	847.9	844.8
40°	907.8	890.9	875.5	849.4	834.1	826.4	814.1	804.9	801.8	803.3	801.8
42.5°	841.7	826.4	817.2	797.2	781.8	774.2	766.5	757.3	761.9	761.9	766.5
45°	781.8	768.0	761.9	746.5	737.3	725.0	717.3	715.8	721.9	720.4	720.4
47.5°	720.4	715.8	708.1	694.3	682.0	674.3	672.8	672.8	678.9	682.0	680.5
50°	672.8	663.6	654.3	643.6	634.4	631.3	626.7	629.8	635.9	635.9	639.0
52.5°	612.9	606.7	603.7	594.4	588.3	588.3	588.3	589.8	594.4	599.0	597.5
55°	560.6	556.0	553.0	548.4	540.7	542.2	540.7	543.8	548.4	553.0	556.0
57.5°	505.4	503.8	500.7	493.1	493.1	491.5	496.1	497.7	505.4	508.4	513.0
60°	456.2	451.6	451.6	445.4	445.4	445.4	450.1	454.7	460.8	462.3	465.4
62.5°	404.0	404.0	402.4	397.8	397.8	402.4	404.0	410.1	413.2	413.2	417.8
65°	354.8	353.3	351.7	353.3	354.8	354.8	359.4	362.5	365.6	367.1	368.6
67.5°	305.7	304.1	307.2	305.7	308.7	314.9	313.3	318.0	322.6	322.6	324.1
70°	259.6	262.7	261.1	264.2	262.7	265.7	270.3	271.9	271.9	273.4	278.0
72.5°	216.6	216.6	216.6	215.0	216.6	219.7	222.7	224.3	227.3	228.9	233.5
75°	175.1	175.1	172.0	175.1	175.1	178.2	181.3	181.3	181.3	184.3	188.9
77.5°	132.1	133.6	132.1	135.2	135.2	136.7	139.8	138.2	141.3	142.9	144.4
80°	96.8	95.2	95.2	95.2	96.8	96.8	99.8	101.4	101.4	106.0	102.9
82.5°	61.4	63.0	61.4	63.0	63.0	64.5	63.0	64.5	66.0	69.1	67.6
85°	35.3	33.8	33.8	35.3	33.8	33.8	35.3	33.8	35.3	33.8	35.3
87.5°	13.8	12.3	12.3	12.3	12.3	10.8	10.8	9.2	9.2	9.2	7.7
90°	8.9	9.9	11.8	15.5	19.2	23.0	26.7	26.4	26.0	25.7	25.4
92.5°	22.2	22.9	23.0	23.2	23.3	23.5	23.7	23.9	24.0	24.2	24.3
95°	46.5	47.3	47.5	47.8	48.2	48.5	48.9	48.9	48.9	48.9	48.9
97.5°	72.5	73.3	73.6	74.3	75.0	75.6	76.3	76.3	76.3	76.3	76.3
100°	102.4	103.1	103.4	103.9	104.4	104.9	105.4	105.4	105.4	105.4	105.4
102.5°	133.1	133.6	133.9	134.6	135.3	136.0	136.7	136.9	137.0	137.2	137.3
105°	166.1	166.4	166.6	166.9	167.3	167.6	168.0	168.3	168.7	169.0	169.3
107.5°	202.0	202.3	202.3	202.3	202.3	202.3	202.3	202.5	202.7	202.8	203.0
110°	236.9	237.4	237.4	237.4	237.4	237.4	237.4	237.4	237.4	237.4	237.4

TEST NUMBER: P997986

CATALOG NUMBER: SA2XXDIP-B1005D725UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	273.6	274.1	274.0	273.8	273.7	273.5	273.3	272.8	272.3	271.8	271.3
115°	309.5	310.0	309.8	309.5	309.1	308.8	308.4	308.2	308.1	307.9	307.8
117.5°	346.7	347.4	347.0	346.1	345.3	344.4	343.6	343.1	342.6	342.1	341.6
120°	382.6	383.3	382.6	381.3	379.9	378.6	377.2	377.2	377.2	377.2	377.2
122.5°	416.8	417.6	417.2	416.3	415.5	414.6	413.8	413.3	412.8	412.3	411.8
125°	450.4	451.2	450.9	450.4	449.9	449.4	448.9	448.4	447.9	447.4	446.9
127.5°	485.4	486.3	486.0	485.3	484.6	484.0	483.3	482.6	481.9	481.2	480.5
130°	518.1	519.2	519.0	518.7	518.3	518.0	517.6	517.3	516.9	516.6	516.3
132.5°	551.2	552.0	552.1	552.3	552.4	552.6	552.8	551.9	551.1	550.2	549.3
135°	582.4	583.3	583.5	583.8	584.1	584.5	584.8	584.6	584.5	584.3	584.2
137.5°	614.6	615.4	615.6	615.9	616.2	616.6	616.9	616.7	616.5	616.4	616.2
140°	644.3	645.1	645.5	646.4	647.3	648.1	649.0	649.0	649.0	649.0	649.0
142.5°	674.9	675.7	676.0	676.5	677.0	677.5	678.0	678.2	678.3	678.5	678.6
145°	702.6	703.2	703.7	704.7	705.7	706.7	707.7	707.9	708.1	708.2	708.4
147.5°	729.8	730.6	730.9	731.6	732.3	733.0	733.7	734.0	734.4	734.7	735.0
150°	754.6	755.1	755.4	756.1	756.8	757.4	758.1	758.6	759.1	759.6	760.1
152.5°	778.2	778.7	779.1	780.0	780.9	781.7	782.6	783.3	783.9	784.6	785.3
155°	799.8	800.1	800.4	800.9	801.4	801.9	802.4	803.2	804.1	804.9	805.8
157.5°	819.8	820.0	820.2	820.5	820.8	821.2	821.5	822.7	823.9	825.0	826.2
160°	838.1	838.3	838.4	838.6	838.7	838.9	839.1	840.1	841.1	842.1	843.1
162.5°	853.6	853.6	853.7	853.8	854.0	854.1	854.3	855.5	856.7	857.9	859.1
165°	867.4	867.3	867.3	867.3	867.3	867.3	867.3	868.5	869.7	870.9	872.1
167.5°	879.1	878.8	878.8	878.8	878.8	878.8	878.8	880.0	881.2	882.3	883.5
170°	889.0	888.7	888.6	888.4	888.3	888.1	887.9	889.1	890.3	891.5	892.7
172.5°	895.8	895.6	895.5	895.3	895.2	895.0	894.8	896.0	897.2	898.3	899.5
175°	901.2	900.9	900.7	900.4	900.1	899.7	899.4	900.6	901.8	902.9	904.1
177.5°	904.2	904.0	903.8	903.5	903.1	902.8	902.4	903.4	904.4	905.5	906.5
180°	904.7	904.7	904.7	904.7	904.7	904.7	904.7	904.7	904.7	904.7	904.7

TEST NUMBER: P997986

CATALOG NUMBER: SA2XXDIP-B1005D725UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4
2.5°	1904.7	1909.3	1898.5	1895.5	1898.5	1887.8	1890.8	1893.9	1893.9	1898.5	1901.6
5°	1794.1	1787.9	1777.2	1774.1	1771.0	1775.6	1772.6	1777.2	1778.7	1789.5	1791.0
7.5°	1685.0	1675.8	1666.6	1657.4	1654.3	1646.6	1654.3	1654.3	1665.0	1662.0	1669.7
10°	1556.0	1554.5	1542.2	1537.6	1531.4	1519.1	1536.0	1531.4	1539.1	1552.9	1556.0
12.5°	1460.8	1443.9	1451.5	1430.0	1437.7	1425.4	1427.0	1427.0	1439.3	1440.8	1437.7
15°	1370.1	1356.3	1336.3	1327.1	1322.5	1316.4	1336.3	1337.9	1328.7	1350.2	1342.5
17.5°	1278.0	1278.0	1259.5	1254.9	1242.6	1248.8	1245.7	1247.2	1244.2	1259.5	1267.2
20°	1198.1	1190.4	1184.3	1185.8	1170.4	1167.4	1164.3	1167.4	1178.1	1188.9	1192.0
22.5°	1133.6	1129.0	1113.6	1116.7	1104.4	1109.0	1105.9	1113.6	1115.2	1115.2	1125.9
25°	1072.1	1066.0	1067.5	1061.4	1056.8	1056.8	1052.2	1056.8	1062.9	1066.0	1067.5
27.5°	1026.1	1021.5	1013.8	1009.2	1012.2	1004.6	1010.7	1015.3	1015.3	1012.2	1015.3
30°	970.8	973.8	973.8	958.5	964.6	961.5	966.2	969.2	969.2	970.8	967.7
32.5°	933.9	924.7	923.1	921.6	921.6	915.5	915.5	920.1	921.6	923.1	927.8
35°	884.7	884.7	877.1	881.7	875.5	877.1	875.5	877.1	880.1	875.5	880.1
37.5°	840.2	841.7	838.7	841.7	843.3	840.2	837.1	843.3	840.2	840.2	837.1
40°	801.8	800.3	801.8	801.8	801.8	803.3	800.3	800.3	800.3	797.2	794.1
42.5°	769.5	760.3	763.4	764.9	760.3	760.3	761.9	760.3	764.9	755.7	755.7
45°	723.5	720.4	721.9	721.9	725.0	720.4	723.5	725.0	720.4	718.9	715.8
47.5°	682.0	685.1	682.0	685.1	685.1	688.1	682.0	683.5	685.1	678.9	674.3
50°	640.5	640.5	645.1	643.6	645.1	642.1	642.1	640.5	642.1	639.0	634.4
52.5°	602.1	597.5	605.2	603.7	602.1	600.6	599.0	600.6	597.5	594.4	594.4
55°	554.5	554.5	559.1	560.6	560.6	557.6	554.5	556.0	554.5	553.0	551.4
57.5°	516.1	510.0	513.0	514.6	514.6	510.0	513.0	510.0	510.0	511.5	506.9
60°	467.0	467.0	463.9	468.5	468.5	465.4	465.4	467.0	463.9	462.3	460.8
62.5°	414.7	416.3	420.9	422.4	423.9	420.9	417.8	419.3	419.3	414.7	416.3
65°	370.2	373.3	379.4	377.9	374.8	376.3	373.3	374.8	370.2	371.7	367.1
67.5°	327.2	325.6	327.2	327.2	330.2	328.7	325.6	325.6	324.1	328.7	324.1
70°	281.1	281.1	281.1	281.1	282.6	284.2	281.1	278.0	279.6	276.5	274.9
72.5°	233.5	235.0	233.5	236.5	231.9	235.0	235.0	233.5	231.9	231.9	231.9
75°	188.9	192.0	187.4	188.9	187.4	190.5	188.9	188.9	185.9	184.3	185.9
77.5°	144.4	145.9	142.9	144.4	142.9	144.4	144.4	142.9	142.9	142.9	142.9
80°	102.9	104.4	102.9	101.4	99.8	102.9	99.8	101.4	102.9	101.4	104.4
82.5°	66.0	66.0	64.5	66.0	63.0	63.0	64.5	64.5	63.0	66.0	63.0
85°	32.3	32.3	35.3	32.3	30.7	30.7	30.7	32.3	30.7	33.8	32.3
87.5°	7.7	6.1	7.7	7.7	6.1	6.1	7.7	6.1	7.7	9.2	6.1
90°	25.2	25.3	25.5	25.6	25.8	26.0	25.8	25.6	25.5	25.3	25.2
92.5°	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
95°	48.9	48.7	48.4	48.0	47.7	47.3	47.7	48.0	48.4	48.7	48.9
97.5°	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
100°	105.4	105.3	105.1	105.0	104.8	104.6	104.8	105.0	105.1	105.3	105.4
102.5°	137.4	137.3	137.2	137.0	136.9	136.7	136.9	137.0	137.2	137.3	137.4
105°	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5
107.5°	203.1	202.7	201.8	201.0	200.1	199.3	200.1	201.0	201.8	202.7	203.1
110°	237.4	237.2	236.7	236.2	235.7	235.2	235.7	236.2	236.7	237.2	237.4

TEST NUMBER: P997986

CATALOG NUMBER: SA2XXDIP-B1005D725UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	271.0	270.8	270.5	270.2	269.8	269.5	269.8	270.2	270.5	270.8	271.0
115°	307.7	307.4	306.9	306.4	305.9	305.4	305.9	306.4	306.9	307.4	307.7
117.5°	341.3	341.0	340.5	340.0	339.5	339.0	339.5	340.0	340.5	341.0	341.3
120°	377.2	376.9	376.4	375.9	375.4	374.9	375.4	375.9	376.4	376.9	377.2
122.5°	411.5	411.3	411.0	410.7	410.3	410.0	410.3	410.7	411.0	411.3	411.5
125°	446.6	446.5	446.4	446.2	446.1	445.9	446.1	446.2	446.4	446.5	446.6
127.5°	480.2	479.9	479.4	478.9	478.4	477.9	478.4	478.9	479.4	479.9	480.2
130°	516.1	515.8	515.1	514.4	513.8	513.1	513.8	514.4	515.1	515.8	516.1
132.5°	548.9	548.6	548.1	547.6	547.1	546.6	547.1	547.6	548.1	548.6	548.9
135°	584.1	583.8	583.3	582.8	582.3	581.8	582.3	582.8	583.3	583.8	584.1
137.5°	616.1	615.8	615.1	614.4	613.8	613.1	613.8	614.4	615.1	615.8	616.1
140°	649.0	648.7	648.0	647.3	646.6	645.9	646.6	647.3	648.0	648.7	649.0
142.5°	678.7	678.4	677.7	677.0	676.4	675.7	676.4	677.0	677.7	678.4	678.7
145°	708.5	708.2	707.5	706.8	706.2	705.5	706.2	706.8	707.5	708.2	708.5
147.5°	735.2	734.9	734.2	733.5	732.9	732.2	732.9	733.5	734.2	734.9	735.2
150°	760.4	760.1	759.6	759.1	758.6	758.1	758.6	759.1	759.6	760.1	760.4
152.5°	785.6	785.3	784.6	783.9	783.3	782.6	783.3	783.9	784.6	785.3	785.6
155°	806.2	805.9	805.4	804.9	804.4	803.9	804.4	804.9	805.4	805.9	806.2
157.5°	826.8	826.4	825.5	824.7	823.8	823.0	823.8	824.7	825.5	826.4	826.8
160°	843.6	843.3	842.6	841.9	841.3	840.6	841.3	841.9	842.6	843.3	843.6
162.5°	859.7	859.3	858.4	857.6	856.7	855.9	856.7	857.6	858.4	859.3	859.7
165°	872.7	872.3	871.4	870.5	869.7	868.8	869.7	870.5	871.4	872.3	872.7
167.5°	884.1	883.7	882.8	882.0	881.1	880.3	881.1	882.0	882.8	883.7	884.1
170°	893.3	892.8	891.8	890.7	889.7	888.7	889.7	890.7	891.8	892.8	893.3
172.5°	900.1	899.6	898.6	897.6	896.6	895.6	896.6	897.6	898.6	899.6	900.1
175°	904.7	904.2	903.2	902.1	901.1	900.1	901.1	902.1	903.2	904.2	904.7
177.5°	907.0	906.5	905.5	904.4	903.4	902.4	903.4	904.4	905.5	906.5	907.0
180°	904.7	904.7	904.7	904.7	904.7	904.7	904.7	904.7	904.7	904.7	904.7

TEST NUMBER: P997986

CATALOG NUMBER: SA2XXDIP-B1005D725UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4	1998.4
2.5°	1897.0	1909.3	1904.7	1887.8	1907.7	1907.7	1921.6	1921.6	1938.5	1944.6	1953.8
5°	1789.5	1798.7	1806.4	1798.7	1812.5	1834.0	1846.3	1857.1	1880.1	1889.3	1903.1
7.5°	1674.3	1691.2	1698.8	1698.8	1721.9	1746.5	1771.0	1786.4	1818.6	1830.9	1844.8
10°	1562.1	1582.1	1597.5	1595.9	1634.3	1649.7	1680.4	1715.7	1748.0	1766.4	1786.4
12.5°	1443.9	1454.6	1476.1	1506.8	1516.1	1543.7	1579.0	1623.6	1681.9	1698.8	1728.0
15°	1345.6	1374.7	1391.6	1405.5	1427.0	1453.1	1491.5	1534.5	1592.9	1629.7	1660.4
17.5°	1262.6	1301.0	1311.8	1308.7	1336.3	1376.3	1420.8	1453.1	1505.3	1549.8	1579.0
20°	1195.0	1210.4	1228.8	1236.5	1258.0	1301.0	1344.0	1380.9	1423.9	1459.2	1493.0
22.5°	1127.4	1139.7	1155.1	1168.9	1185.8	1210.4	1251.9	1297.9	1339.4	1373.2	1411.6
25°	1072.1	1079.8	1093.6	1104.4	1122.8	1139.7	1168.9	1219.6	1268.8	1288.7	1322.5
27.5°	1018.4	1024.5	1033.7	1046.0	1055.2	1072.1	1098.3	1139.7	1190.4	1210.4	1256.5
30°	970.8	975.4	984.6	990.7	995.3	1015.3	1035.3	1067.5	1105.9	1133.6	1167.4
32.5°	926.2	930.8	940.0	941.6	947.7	958.5	976.9	1006.1	1039.9	1062.9	1092.1
35°	877.1	880.1	889.4	892.4	897.0	906.3	920.1	941.6	972.3	989.2	1015.3
37.5°	838.7	837.1	843.3	847.9	854.0	858.6	863.2	884.7	907.8	923.1	943.1
40°	797.2	794.1	795.7	801.8	804.9	811.0	811.0	832.5	847.9	860.2	875.5
42.5°	755.7	754.2	751.1	754.2	757.3	758.8	760.3	775.7	791.1	801.8	818.7
45°	714.3	712.7	709.6	711.2	711.2	714.3	718.9	725.0	735.8	745.0	754.2
47.5°	675.8	672.8	668.2	666.6	669.7	669.7	669.7	675.8	686.6	689.7	698.9
50°	635.9	631.3	625.2	622.1	622.1	620.6	623.6	625.2	634.4	637.4	645.1
52.5°	592.9	589.8	583.7	577.5	579.1	576.0	577.5	579.1	582.2	586.8	591.4
55°	549.9	543.8	539.1	537.6	533.0	533.0	528.4	534.5	533.0	534.5	540.7
57.5°	508.4	502.3	494.6	491.5	486.9	485.4	482.3	480.8	482.3	486.9	491.5
60°	459.3	456.2	451.6	447.0	443.9	439.3	436.2	436.2	434.7	434.7	436.2
62.5°	411.7	410.1	404.0	402.4	399.4	396.3	391.7	388.6	388.6	391.7	393.2
65°	365.6	364.0	359.4	357.9	350.2	347.1	345.6	344.1	341.0	341.0	341.0
67.5°	322.6	318.0	318.0	310.3	304.1	301.1	298.0	296.5	296.5	296.5	298.0
70°	274.9	274.9	270.3	265.7	259.6	261.1	256.5	251.9	251.9	248.8	250.4
72.5°	228.9	227.3	222.7	221.2	216.6	212.0	208.9	212.0	207.4	205.8	207.4
75°	184.3	182.8	179.7	176.6	178.2	173.6	169.0	167.4	167.4	164.4	164.4
77.5°	141.3	144.4	138.2	136.7	133.6	130.6	129.0	127.5	127.5	127.5	130.6
80°	98.3	99.8	99.8	96.8	98.3	93.7	93.7	93.7	89.1	90.6	92.2
82.5°	63.0	63.0	61.4	63.0	61.4	61.4	59.9	59.9	58.4	58.4	59.9
85°	35.3	33.8	32.3	35.3	33.8	33.8	32.3	32.3	32.3	32.3	32.3
87.5°	7.7	9.2	9.2	9.2	9.2	10.8	10.8	10.8	12.3	12.3	12.3
90°	25.4	25.7	26.0	26.4	26.7	23.0	19.2	15.5	11.8	9.9	8.9
92.5°	24.3	24.2	24.0	23.9	23.7	23.5	23.3	23.2	23.0	22.9	22.2
95°	48.9	48.9	48.9	48.9	48.9	48.5	48.2	47.8	47.5	47.3	46.5
97.5°	76.3	76.3	76.3	76.3	76.3	75.6	75.0	74.3	73.6	73.3	72.5
100°	105.4	105.4	105.4	105.4	105.4	104.9	104.4	103.9	103.4	103.1	102.4
102.5°	137.3	137.2	137.0	136.9	136.7	136.0	135.3	134.6	133.9	133.6	133.1
105°	169.3	169.0	168.7	168.3	168.0	167.6	167.3	166.9	166.6	166.4	166.1
107.5°	203.0	202.8	202.7	202.5	202.3	202.3	202.3	202.3	202.3	202.3	202.0
110°	237.4	237.4	237.4	237.4	237.4	237.4	237.4	237.4	237.4	237.4	236.9

TEST NUMBER: P997986

CATALOG NUMBER: SA2XXDIP-B1005D725UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	271.3	271.8	272.3	272.8	273.3	273.5	273.7	273.8	274.0	274.1	273.6
115°	307.8	307.9	308.1	308.2	308.4	308.8	309.1	309.5	309.8	310.0	309.5
117.5°	341.6	342.1	342.6	343.1	343.6	344.4	345.3	346.1	347.0	347.4	346.7
120°	377.2	377.2	377.2	377.2	377.2	378.6	379.9	381.3	382.6	383.3	382.6
122.5°	411.8	412.3	412.8	413.3	413.8	414.6	415.5	416.3	417.2	417.6	416.8
125°	446.9	447.4	447.9	448.4	448.9	449.4	449.9	450.4	450.9	451.2	450.4
127.5°	480.5	481.2	481.9	482.6	483.3	484.0	484.6	485.3	486.0	486.3	485.4
130°	516.3	516.6	516.9	517.3	517.6	518.0	518.3	518.7	519.0	519.2	518.1
132.5°	549.3	550.2	551.1	551.9	552.8	552.6	552.4	552.3	552.1	552.0	551.2
135°	584.2	584.3	584.5	584.6	584.8	584.5	584.1	583.8	583.5	583.3	582.4
137.5°	616.2	616.4	616.5	616.7	616.9	616.6	616.2	615.9	615.6	615.4	614.6
140°	649.0	649.0	649.0	649.0	649.0	648.1	647.3	646.4	645.5	645.1	644.3
142.5°	678.6	678.5	678.3	678.2	678.0	677.5	677.0	676.5	676.0	675.7	674.9
145°	708.4	708.2	708.1	707.9	707.7	706.7	705.7	704.7	703.7	703.2	702.6
147.5°	735.0	734.7	734.4	734.0	733.7	733.0	732.3	731.6	730.9	730.6	729.8
150°	760.1	759.6	759.1	758.6	758.1	757.4	756.8	756.1	755.4	755.1	754.6
152.5°	785.3	784.6	783.9	783.3	782.6	781.7	780.9	780.0	779.1	778.7	778.2
155°	805.8	804.9	804.1	803.2	802.4	801.9	801.4	800.9	800.4	800.1	799.8
157.5°	826.2	825.0	823.9	822.7	821.5	821.2	820.8	820.5	820.2	820.0	819.8
160°	843.1	842.1	841.1	840.1	839.1	838.9	838.7	838.6	838.4	838.3	838.1
162.5°	859.1	857.9	856.7	855.5	854.3	854.1	854.0	853.8	853.7	853.6	853.6
165°	872.1	870.9	869.7	868.5	867.3	867.3	867.3	867.3	867.3	867.3	867.4
167.5°	883.5	882.3	881.2	880.0	878.8	878.8	878.8	878.8	878.8	878.8	879.1
170°	892.7	891.5	890.3	889.1	887.9	888.1	888.3	888.4	888.6	888.7	889.0
172.5°	899.5	898.3	897.2	896.0	894.8	895.0	895.2	895.3	895.5	895.6	895.8
175°	904.1	902.9	901.8	900.6	899.4	899.7	900.1	900.4	900.7	900.9	901.2
177.5°	906.5	905.5	904.4	903.4	902.4	902.8	903.1	903.5	903.8	904.0	904.2
180°	904.7	904.7	904.7	904.7	904.7	904.7	904.7	904.7	904.7	904.7	904.7

TEST NUMBER: P997986

CATALOG NUMBER: SA2XXDIP-B1005D725UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1998.4	1998.4	1998.4	1998.4
2.5°	1961.5	1961.5	1984.5	2009.1
5°	1918.5	1929.2	1966.1	1999.9
7.5°	1877.0	1895.5	1941.5	1984.5
10°	1826.3	1850.9	1907.7	1958.4
12.5°	1777.2	1800.2	1866.3	1923.1
15°	1708.1	1737.2	1807.9	1878.6
17.5°	1638.9	1668.1	1754.1	1837.1
20°	1557.5	1595.9	1692.7	1803.3
22.5°	1482.3	1529.9	1637.4	1726.5
25°	1399.3	1473.0	1572.9	1688.1
27.5°	1325.6	1399.3	1500.7	1617.4
30°	1242.6	1317.9	1422.4	1529.9
32.5°	1162.8	1231.9	1333.3	1465.4
35°	1079.8	1145.9	1244.2	1377.8
37.5°	1004.6	1069.1	1176.6	1299.5
40°	930.8	998.4	1090.6	1213.5
42.5°	861.7	921.6	1004.6	1127.4
45°	798.7	841.7	918.5	1033.7
47.5°	732.7	771.1	841.7	956.9
50°	671.2	703.5	764.9	872.5
52.5°	611.3	639.0	695.8	781.8
55°	557.6	583.7	625.2	709.6
57.5°	502.3	522.2	562.2	629.8
60°	448.5	467.0	499.2	554.5
62.5°	394.8	410.1	440.8	485.4
65°	347.1	359.4	382.5	420.9
67.5°	301.1	308.7	327.2	357.9
70°	256.5	262.7	278.0	302.6
72.5°	208.9	215.0	231.9	248.8
75°	169.0	170.5	182.8	196.6
77.5°	132.1	130.6	139.8	150.5
80°	90.6	95.2	102.9	107.5
82.5°	61.4	63.0	66.0	69.1
85°	33.8	35.3	35.3	39.9
87.5°	13.8	15.4	15.4	16.9
90°	6.9	4.8	2.8	0.8
92.5°	20.9	19.5	18.2	16.8
95°	44.8	43.1	41.4	39.7
97.5°	71.0	69.5	67.9	66.4
100°	101.1	99.7	98.4	97.0
102.5°	132.1	131.0	130.0	129.0
105°	165.6	165.1	164.6	164.1
107.5°	201.3	200.6	200.0	199.3
110°	235.9	234.9	233.9	232.9



TEST NUMBER: P997986

CATALOG NUMBER: SA2XXDIP-B1005D725UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	272.6	271.5	270.5	269.5
115°	308.5	307.4	306.4	305.4
117.5°	345.4	344.0	342.7	341.3
120°	381.3	379.9	378.6	377.2
122.5°	415.1	413.4	411.7	410.0
125°	448.9	447.4	445.8	444.3
127.5°	483.5	481.6	479.8	477.9
130°	515.9	513.6	511.4	509.2
132.5°	549.5	547.8	546.1	544.4
135°	580.5	578.6	576.8	574.9
137.5°	613.1	611.6	610.0	608.5
140°	642.8	641.3	639.8	638.3
142.5°	673.4	671.9	670.3	668.8
145°	701.4	700.2	699.0	697.8
147.5°	728.3	726.8	725.3	723.8
150°	753.6	752.5	751.5	750.5
152.5°	777.2	776.2	775.2	774.2
155°	799.3	798.8	798.3	797.8
157.5°	819.5	819.1	818.8	818.4
160°	837.8	837.5	837.1	836.8
162.5°	853.6	853.6	853.6	853.6
165°	867.6	867.7	867.9	868.1
167.5°	879.6	880.1	880.6	881.1
170°	889.5	890.0	890.5	891.0
172.5°	896.3	896.8	897.3	897.8
175°	901.7	902.2	902.7	903.2
177.5°	904.7	905.2	905.7	906.2
180°	904.7	904.7	904.7	904.7

TEST NUMBER: P997986

CATALOG NUMBER: SA2XXDIP-B1005D725UB30-4F0-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	19.02	19.98	19.86	20.83	21.90	16.52	17.47	17.36	18.33	19.39
	3H	19.84	20.70	20.70	21.56	22.65	17.87	18.72	18.72	19.59	20.68
	4H	20.02	20.82	20.88	21.69	22.80	18.34	19.14	19.21	20.01	21.12
	6H	20.07	20.81	20.95	21.69	22.80	18.65	19.39	19.53	20.27	21.39
	8H	20.05	20.75	20.94	21.65	22.77	18.73	19.44	19.62	20.34	21.45
	12H	20.01	20.68	20.91	21.57	22.72	18.78	19.45	19.67	20.34	21.48
4H	2H	19.08	19.88	19.95	20.75	21.86	16.98	17.78	17.85	18.65	19.76
	3H	20.07	20.73	20.95	21.64	22.76	18.44	19.11	19.33	20.02	21.14
	4H	20.35	20.95	21.24	21.86	23.00	18.98	19.59	19.88	20.49	21.64
	6H	20.48	21.01	21.39	21.93	23.08	19.37	19.89	20.28	20.81	21.96
	8H	20.48	20.97	21.39	21.89	23.05	19.48	19.97	20.39	20.89	22.05
	12H	20.45	20.89	21.38	21.83	22.99	19.54	19.98	20.47	20.92	22.08
8H	4H	20.36	20.85	21.27	21.77	22.93	19.13	19.62	20.04	20.54	21.70
	6H	20.54	20.95	21.48	21.91	23.07	19.57	19.97	20.51	20.93	22.09
	8H	20.57	20.93	21.52	21.88	23.06	19.72	20.08	20.67	21.03	22.21
	12H	20.56	20.88	21.51	21.82	23.05	19.82	20.13	20.77	21.07	22.30
12H	4H	20.32	20.76	21.26	21.70	22.87	19.11	19.55	20.04	20.49	21.65
	6H	20.52	20.88	21.47	21.83	23.01	19.57	19.93	20.52	20.88	22.06
	8H	20.56	20.87	21.51	21.82	23.05	19.73	20.05	20.68	20.99	22.22