

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: P997963

Luminaire Tested: SA2XXDIP-B1005D725UB27-4F0-XX-W2A-A4

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P997963
REPORT IS A COMBINATION OF REPORTS P983700 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXDIP-B1005D725UB27-4F0-XX-W2A-A4
Description: Define 2 Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

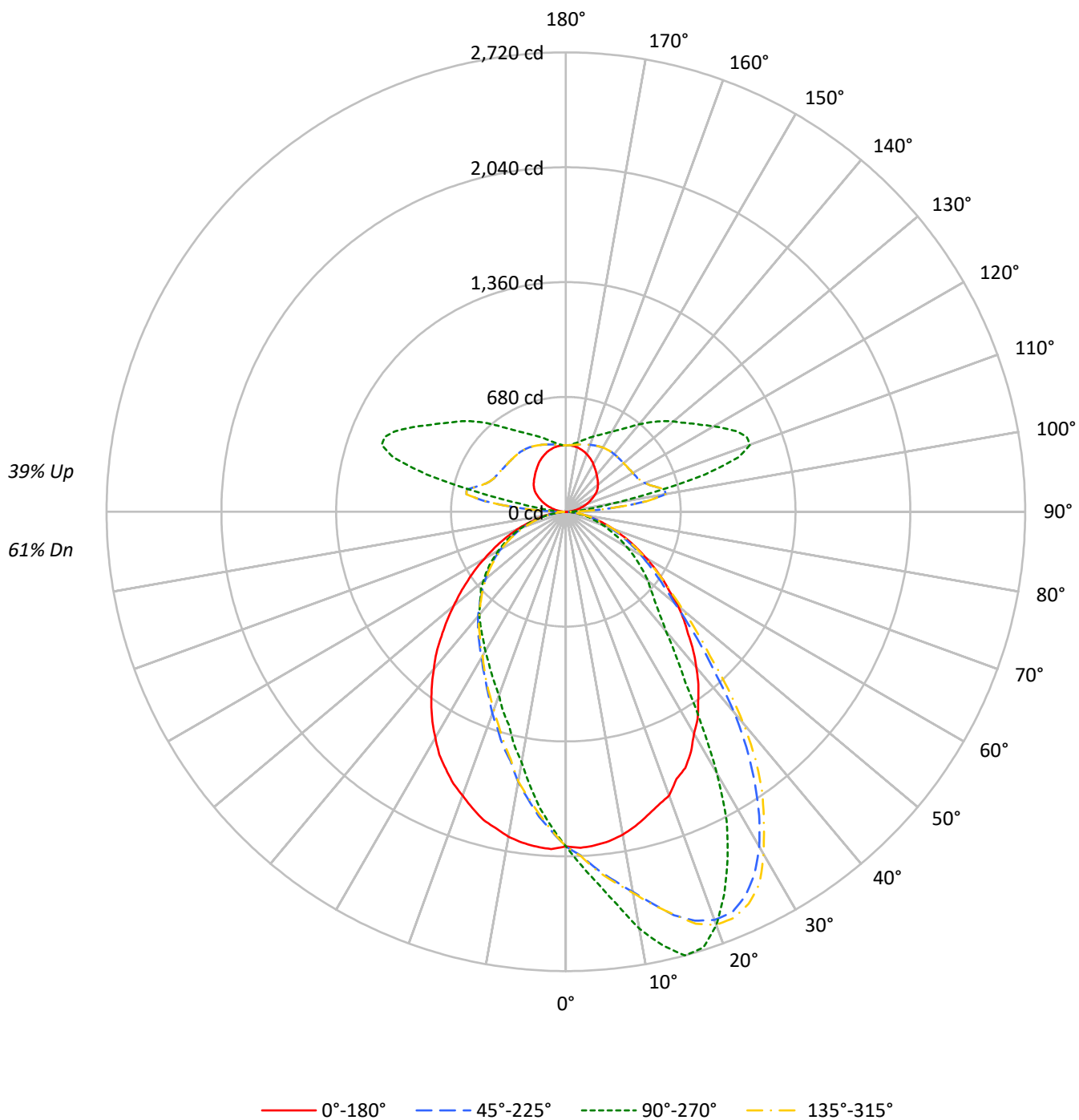
Lumens per Lamp: N/A
Luminaire Lumens: 7114.0 lumens
Efficiency: N/A
Efficacy: 86.3 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

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

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	110	110	110	110	103	103	103	103	90	90	90	78	78	78	67	67	67	61		
1	101	97	93	90	94	91	88	85	80	77	75	69	68	66	60	59	57	53		
2	92	85	79	74	86	80	75	70	70	67	63	62	59	56	53	51	49	45		
3	85	75	68	63	79	71	65	60	63	58	54	55	51	48	48	45	43	39		
4	78	67	59	54	73	63	56	51	56	51	46	49	45	42	43	40	37	34		
5	72	60	52	46	67	57	50	44	51	45	40	45	40	37	39	36	33	30		
6	66	54	46	41	62	51	44	39	46	40	36	41	36	32	36	32	29	27		
7	62	49	42	36	58	47	40	35	42	36	32	37	33	29	33	29	26	24		
8	57	45	37	32	54	43	36	31	38	33	28	34	30	26	30	27	24	22		
9	53	41	34	29	50	39	32	28	35	30	26	32	27	24	28	24	22	20		
10	50	38	31	26	47	36	30	25	33	27	23	29	25	22	26	22	20	18		

AVERAGE LUMINANCE (cd/sqm):

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

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 32417 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	188.7	2.7
10°-20°	549.2	7.7
20°-30°	797.1	11.2
30°-40°	840.3	11.8
40°-50°	743.6	10.5
50°-60°	593.7	8.3
60°-70°	403.3	5.7
70°-80°	206.3	2.9
80°-90°	51.3	0.7
90°-100°	153.4	2.2
100°-110°	540.2	7.6
110°-120°	567.4	8.0
120°-130°	466.8	6.6
130°-140°	375.0	5.3
140°-150°	283.2	4.0
150°-160°	199.1	2.8
160°-170°	117.2	1.6
170°-180°	38.1	0.5
0°-30°	1535.0	21.6
0°-40°	2375.3	33.4
0°-60°	3712.6	52.2
0°-90°	4373.5	61.5
90°-120°	1261.0	17.7
90°-150°	2386.0	33.5
90°-180°	2740.0	38.5
0°-180°	7114.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1981	1981	1981	1981	1981	
5°	1983	2213	1990	1760	1983	188
15°	1862	2720	1888	1305	1862	526
25°	1674	2266	1681	1048	1674	765
35°	1366	1234	1389	870	1366	855
45°	1025	743	1042	714	1025	795
55°	704	522	708	553	704	628
65°	417	321	425	373	417	415
75°	195	158	202	189	195	209
85°	40	41	43	30	40	46
90°	1	25	1	25	1	4
95°	26	86	26	86	26	27
105°	92	853	92	853	92	98
115°	163	1122	163	1122	163	161
125°	227	910	227	910	227	202
135°	266	754	266	754	266	206
145°	304	602	304	602	304	191
155°	346	506	346	506	346	159
165°	377	444	377	444	377	106
175°	393	400	393	400	393	37
180°	394	394	394	394	394	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1
2.5°	1991.8	1996.4	2004.0	2005.5	2020.7	2032.9	2046.6	2046.6	2051.2	2049.7	2037.5
5°	1982.7	1996.4	2016.2	2032.9	2060.3	2072.5	2090.8	2104.5	2116.7	2125.8	2124.3
7.5°	1967.4	1991.8	2020.7	2052.7	2089.3	2110.6	2136.5	2160.8	2177.6	2192.8	2203.5
10°	1941.5	1982.7	2022.3	2064.9	2112.1	2141.0	2171.5	2203.5	2229.4	2258.3	2285.7
12.5°	1906.5	1965.9	2014.6	2071.0	2128.9	2160.8	2209.6	2233.9	2284.2	2357.3	2377.1
15°	1862.4	1943.1	1988.8	2060.3	2136.5	2162.4	2229.4	2268.9	2372.5	2418.2	2473.0
17.5°	1821.2	1911.1	1972.0	2054.2	2128.9	2179.1	2244.6	2325.3	2412.1	2477.6	2538.5
20°	1787.7	1874.5	1947.6	2039.0	2133.4	2197.4	2265.9	2363.4	2457.8	2524.8	2572.0
22.5°	1711.6	1822.8	1908.0	2010.1	2124.3	2212.6	2278.1	2384.7	2486.7	2527.8	2568.9
25°	1673.5	1769.5	1868.5	1984.2	2118.2	2223.3	2279.6	2398.4	2488.2	2503.5	2512.6
27.5°	1603.5	1711.6	1827.3	1959.8	2116.7	2205.0	2276.6	2384.7	2456.2	2445.6	2418.2
30°	1516.7	1649.2	1777.1	1920.2	2095.3	2191.3	2258.3	2357.3	2393.8	2339.0	2290.3
32.5°	1452.7	1577.6	1719.2	1885.2	2071.0	2162.4	2227.8	2305.5	2313.1	2214.1	2131.9
35°	1365.9	1504.5	1664.4	1839.5	2029.9	2112.1	2173.0	2220.2	2183.7	2045.1	1947.6
37.5°	1288.3	1425.3	1595.9	1774.0	1973.5	2054.2	2103.0	2110.6	2020.7	1898.9	1755.8
40°	1203.0	1344.6	1522.8	1710.1	1911.1	1981.1	2011.6	1988.8	1859.3	1717.7	1551.7
42.5°	1117.7	1257.8	1449.7	1641.6	1831.9	1891.3	1903.5	1841.0	1682.7	1516.7	1324.8
45°	1024.8	1171.0	1362.9	1556.3	1740.5	1774.0	1775.6	1685.7	1498.4	1324.8	1146.7
47.5°	948.7	1084.2	1274.6	1468.0	1623.3	1646.1	1637.0	1533.4	1329.4	1134.5	979.1
50°	864.9	994.4	1183.2	1373.6	1506.0	1512.1	1489.3	1341.6	1142.1	963.9	840.6
52.5°	775.1	906.1	1079.7	1262.4	1381.2	1372.0	1327.9	1169.5	982.2	834.5	740.1
55°	703.5	819.3	982.2	1160.4	1244.1	1218.2	1169.5	1008.1	860.4	735.5	653.3
57.5°	624.3	726.4	886.3	1041.6	1090.3	1065.9	1017.2	866.5	729.4	635.0	580.2
60°	549.7	642.6	782.7	912.1	950.2	924.3	868.0	732.5	633.5	554.3	513.2
62.5°	481.2	561.9	679.2	797.9	813.2	787.3	738.5	628.9	543.6	481.2	450.7
65°	417.2	493.4	587.8	677.6	691.3	663.9	613.7	534.5	462.9	423.3	394.4
67.5°	354.8	415.7	499.5	565.0	572.6	546.7	505.6	441.6	397.4	354.8	333.5
70°	300.0	345.7	411.2	464.4	467.5	443.1	421.8	363.9	330.4	300.0	283.2
72.5°	246.7	278.7	328.9	368.5	370.0	354.8	335.0	298.5	269.5	248.2	231.5
75°	194.9	222.3	252.8	287.8	286.3	274.1	258.9	236.0	211.7	198.0	190.3
77.5°	149.2	166.0	190.3	213.2	213.2	207.1	198.0	181.2	166.0	152.3	144.7
80°	106.6	117.3	137.1	144.7	147.7	146.2	138.6	126.4	120.3	109.6	106.6
82.5°	68.5	76.1	85.3	92.9	97.5	94.4	92.9	86.8	77.7	74.6	71.6
85°	39.6	42.6	47.2	51.8	53.3	51.8	54.8	50.3	45.7	45.7	44.2
87.5°	16.8	18.3	21.3	21.3	22.8	22.8	21.3	22.8	22.8	21.3	19.8
90°	0.8	3.0	6.1	7.6	9.1	10.2	11.4	15.1	20.4	25.0	25.7
92.5°	11.4	15.9	21.9	25.7	31.8	36.0	40.1	60.5	89.3	115.0	116.5
95°	26.5	29.5	37.1	43.9	56.0	65.1	74.2	109.0	174.8	262.6	296.7
97.5°	39.4	43.9	52.2	62.1	75.7	85.9	96.1	140.8	232.3	373.8	483.6
100°	58.3	60.5	67.4	79.5	94.6	105.2	115.8	155.9	248.2	411.7	597.8
102.5°	75.7	77.2	84.0	96.1	112.0	122.6	133.2	169.5	249.0	397.3	601.6
105°	92.3	95.4	100.6	112.0	128.7	139.2	149.8	185.4	252.8	377.6	560.8
107.5°	110.5	112.8	118.1	128.7	145.3	155.9	166.5	201.3	261.1	367.0	522.9
110°	128.7	131.7	136.2	146.1	161.9	172.9	183.9	217.2	271.7	364.0	497.2

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	145.3	148.3	153.6	162.7	177.8	189.2	200.5	232.3	283.0	364.8	480.5
115°	162.7	166.5	171.0	180.1	195.2	205.4	215.7	248.2	294.4	367.8	469.2
117.5°	180.9	183.9	188.4	196.8	211.1	221.7	232.3	262.6	306.5	372.3	463.1
120°	197.5	200.5	205.1	211.9	227.0	237.6	248.2	277.7	318.6	376.9	457.8
122.5°	213.4	215.7	220.2	227.8	242.9	253.9	264.9	292.1	329.2	382.2	454.8
125°	227.0	229.3	233.8	242.9	258.1	268.6	279.2	306.5	340.5	387.5	451.0
127.5°	238.4	241.4	247.5	257.3	271.7	282.6	293.6	320.1	351.1	392.8	448.8
130°	248.2	251.2	258.8	269.4	284.5	295.1	305.7	332.2	361.0	398.8	447.2
132.5°	257.3	261.1	269.4	280.8	296.7	307.2	317.8	342.8	370.8	404.9	446.5
135°	266.4	269.4	278.5	289.8	307.2	317.8	328.4	352.7	379.1	409.4	445.7
137.5°	274.7	278.5	287.6	299.7	317.1	327.0	336.8	361.0	386.0	414.0	445.7
140°	284.5	287.6	296.7	308.8	325.4	335.2	345.1	367.8	391.2	417.0	445.0
142.5°	294.4	296.7	305.0	317.1	333.0	342.0	351.1	373.1	395.8	419.2	445.0
145°	304.2	307.2	314.8	326.2	341.3	349.6	358.0	378.4	399.6	420.8	443.5
147.5°	314.8	317.1	324.7	335.2	348.1	355.6	363.2	382.9	401.8	421.5	441.2
150°	325.4	327.7	333.7	343.6	354.9	361.7	368.5	386.0	403.4	420.8	438.9
152.5°	336.0	336.8	342.8	351.1	361.7	367.8	373.8	389.0	404.1	419.2	435.1
155°	345.8	346.6	351.1	359.5	367.8	373.5	379.1	392.0	404.9	417.7	430.6
157.5°	354.2	354.9	358.7	366.3	373.1	378.0	382.9	394.3	404.9	414.7	426.1
160°	362.5	363.2	366.3	372.3	378.4	382.5	386.7	395.8	404.9	412.4	421.5
162.5°	370.8	370.1	373.1	377.6	382.9	386.0	389.0	396.5	404.1	410.2	417.7
165°	376.9	376.1	377.6	382.2	386.0	388.2	390.5	397.3	402.6	407.1	412.4
167.5°	382.2	381.4	382.9	386.0	389.0	390.5	392.0	397.3	401.8	404.1	407.9
170°	387.5	386.0	386.7	389.0	390.5	391.6	392.8	396.5	400.3	401.8	404.1
172.5°	390.5	389.7	389.0	391.2	392.0	392.8	393.5	395.8	398.1	398.8	399.6
175°	392.8	392.0	391.2	392.8	392.8	393.2	393.5	395.0	396.5	395.8	396.5
177.5°	394.3	392.8	392.0	393.5	393.5	393.5	393.5	394.3	395.8	394.3	393.5
180°	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1
2.5°	2058.8	2060.3	2063.4	2078.6	2086.2	2087.7	2081.6	2095.3	2099.9	2095.3	2092.3
5°	2156.3	2165.4	2183.7	2203.5	2201.9	2203.5	2212.6	2221.7	2224.8	2212.6	2217.2
7.5°	2241.5	2259.8	2279.6	2310.1	2310.1	2325.3	2331.4	2339.0	2357.3	2348.1	2345.1
10°	2339.0	2363.4	2399.9	2448.6	2450.2	2465.4	2480.6	2505.0	2512.6	2506.5	2509.5
12.5°	2460.8	2508.0	2511.1	2564.4	2588.7	2591.8	2616.1	2611.6	2626.8	2626.8	2652.7
15°	2514.1	2587.2	2628.3	2680.1	2695.3	2677.1	2696.8	2718.2	2719.7	2719.7	2718.2
17.5°	2610.1	2639.0	2680.1	2707.5	2713.6	2713.6	2715.1	2724.3	2718.2	2706.0	2715.1
20°	2629.8	2642.0	2657.3	2654.2	2657.3	2642.0	2626.8	2611.6	2613.1	2605.5	2628.3
22.5°	2593.3	2590.3	2555.2	2532.4	2532.4	2501.9	2473.0	2459.3	2445.6	2450.2	2457.8
25°	2501.9	2454.7	2412.1	2378.6	2371.0	2322.2	2282.7	2270.5	2247.6	2265.9	2268.9
27.5°	2355.7	2302.4	2233.9	2205.0	2165.4	2145.6	2118.2	2081.6	2034.4	2061.8	2057.3
30°	2198.9	2119.7	2063.4	1993.3	1930.9	1926.3	1874.5	1813.6	1789.3	1789.3	1803.0
32.5°	2023.8	1918.7	1836.5	1737.5	1676.6	1650.7	1588.3	1527.4	1541.1	1495.4	1512.1
35°	1819.7	1681.2	1577.6	1481.7	1436.0	1405.5	1324.8	1291.3	1254.8	1233.5	1273.0
37.5°	1624.8	1464.9	1332.4	1227.4	1210.6	1155.8	1101.0	1079.7	1058.3	1067.5	1065.9
40°	1387.3	1245.6	1126.9	1044.6	1015.7	989.8	953.3	927.4	913.7	921.3	922.8
42.5°	1172.5	1053.8	965.4	907.6	883.2	864.9	846.7	825.3	820.8	820.8	826.9
45°	1006.6	909.1	849.7	802.5	788.8	775.1	761.4	752.3	749.2	743.1	747.7
47.5°	874.1	796.4	759.9	724.8	709.6	706.6	694.4	689.8	683.7	682.2	683.7
50°	762.9	714.2	680.7	660.9	650.2	645.7	639.6	630.4	627.4	635.0	632.0
52.5°	685.3	639.6	621.3	601.5	595.4	589.3	580.2	581.7	580.2	577.1	577.1
55°	607.6	578.7	560.4	545.2	543.6	537.5	529.9	526.9	525.4	522.3	526.9
57.5°	545.2	522.3	505.6	491.9	485.8	485.8	478.2	472.1	472.1	470.5	472.1
60°	482.7	459.9	449.2	435.5	430.9	429.4	424.9	421.8	417.2	417.2	417.2
62.5°	424.9	406.6	394.4	382.2	383.7	376.1	370.0	367.0	367.0	368.5	368.5
65°	370.0	357.9	342.6	332.0	328.9	327.4	324.4	322.8	318.3	321.3	321.3
67.5°	319.8	303.0	293.9	289.3	284.8	283.2	280.2	277.1	275.6	274.1	277.1
70°	269.5	255.8	248.2	245.2	240.6	239.1	237.6	233.0	234.5	236.0	237.6
72.5°	223.8	211.7	210.1	201.0	201.0	201.0	194.9	198.0	196.4	193.4	196.4
75°	176.6	170.6	167.5	162.9	164.5	162.9	161.4	156.8	156.8	158.4	159.9
77.5°	140.1	134.0	132.5	127.9	124.9	127.9	124.9	123.3	123.3	124.9	124.9
80°	103.5	100.5	95.9	95.9	95.9	94.4	94.4	94.4	92.9	91.4	92.9
82.5°	68.5	68.5	67.0	65.5	67.0	64.0	65.5	65.5	65.5	65.5	65.5
85°	44.2	42.6	42.6	41.1	41.1	41.1	42.6	39.6	39.6	41.1	41.1
87.5°	19.8	19.8	19.8	21.3	19.8	19.8	19.8	21.3	19.8	19.8	19.8
90°	25.0	24.2	22.7	24.2	24.6	25.0	25.0	25.0	25.0	25.0	25.0
92.5°	97.6	76.4	65.1	56.8	53.8	50.7	49.9	46.9	47.7	46.2	47.7
95°	259.6	198.3	152.1	120.3	112.0	103.7	93.8	87.8	85.5	86.3	85.5
97.5°	487.4	405.6	323.9	247.5	224.8	202.1	172.5	157.4	149.1	144.5	149.1
100°	706.8	690.9	597.1	493.4	447.6	401.8	339.0	306.5	284.5	270.9	284.5
102.5°	788.5	877.8	874.8	806.0	756.8	707.6	638.0	576.7	547.9	528.2	547.9
105°	762.1	919.5	1005.0	1014.8	1002.3	989.8	942.9	896.0	863.5	852.9	863.5
107.5°	706.1	874.8	1002.0	1076.1	1091.2	1106.4	1105.6	1098.8	1089.0	1071.6	1089.0
110°	653.8	813.5	949.0	1045.9	1076.9	1107.9	1140.4	1154.8	1161.6	1160.9	1161.6

TEST NUMBER: P997963

CATALOG NUMBER: SA2XXDIP-B1005D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	617.5	757.5	886.2	991.4	1028.1	1064.8	1113.2	1139.7	1154.1	1159.4	1154.1
115°	588.8	713.6	830.2	929.3	968.3	1007.3	1061.0	1095.8	1115.5	1122.3	1115.5
117.5°	569.1	677.3	781.7	874.1	911.2	948.2	1003.5	1040.6	1061.0	1066.3	1061.0
120°	554.0	651.6	745.4	825.6	860.0	894.5	947.5	983.0	1005.0	1012.6	1005.0
122.5°	541.1	631.1	715.1	790.1	820.4	850.6	896.8	931.6	950.5	956.6	950.5
125°	529.0	611.5	689.4	756.0	784.4	812.8	856.7	885.4	904.3	910.4	904.3
127.5°	517.6	591.8	663.7	727.3	753.8	780.2	818.8	846.1	862.7	867.3	862.7
130°	506.3	572.9	638.0	697.7	722.7	747.7	784.8	810.5	825.6	831.7	825.6
132.5°	497.2	554.7	613.7	667.5	690.6	713.6	750.0	775.7	789.3	794.6	789.3
135°	488.9	538.1	588.0	638.0	659.2	680.3	712.9	737.8	751.5	754.5	751.5
137.5°	482.8	524.4	567.6	608.4	627.3	646.3	677.3	699.3	711.4	715.9	711.4
140°	477.5	511.6	547.9	582.7	599.4	616.0	640.2	659.9	671.3	675.8	671.3
142.5°	472.2	501.0	530.5	559.2	572.4	585.7	608.4	625.8	635.7	635.7	635.7
145°	467.7	491.1	516.1	539.6	550.6	561.5	579.7	592.5	600.1	602.4	600.1
147.5°	463.1	483.6	504.0	522.9	531.2	539.6	555.5	566.1	571.4	572.9	571.4
150°	457.1	475.2	491.9	507.8	514.6	521.4	532.8	541.8	546.4	547.1	546.4
152.5°	451.8	466.9	482.1	494.9	500.6	506.3	514.6	522.2	525.2	525.2	525.2
155°	445.0	459.4	471.5	482.8	487.0	491.1	499.5	504.8	507.8	506.3	507.8
157.5°	438.9	450.3	460.9	470.7	474.1	477.5	483.6	488.1	489.6	489.6	489.6
160°	432.1	442.0	450.3	458.6	461.2	463.9	469.2	473.0	473.7	473.7	473.7
162.5°	426.1	433.6	440.4	447.2	449.1	451.0	456.3	458.6	459.4	458.6	459.4
165°	419.2	425.3	430.6	435.9	437.4	438.9	442.0	445.0	445.0	444.2	445.0
167.5°	412.4	417.0	421.5	425.3	426.8	428.3	429.8	431.4	431.4	430.6	431.4
170°	407.1	410.9	413.2	416.2	417.0	417.7	418.5	420.8	420.0	418.5	420.0
172.5°	401.8	404.1	405.6	407.9	408.3	408.7	409.4	410.2	409.4	408.7	409.4
175°	397.3	399.6	400.3	401.1	401.5	401.8	401.8	402.6	401.8	400.3	401.8
177.5°	394.3	395.8	395.8	396.5	396.5	396.5	396.5	396.5	395.8	394.3	395.8
180°	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5

TEST NUMBER: P997963

CATALOG NUMBER: SA2XXDIP-B1005D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1
2.5°	2099.9	2089.3	2080.1	2081.6	2089.3	2083.2	2067.9	2048.1	2040.5	2031.4	2040.5
5°	2226.3	2217.2	2198.9	2200.4	2195.9	2189.8	2165.4	2134.9	2134.9	2110.6	2107.5
7.5°	2351.2	2337.5	2325.3	2322.2	2305.5	2293.3	2272.0	2229.4	2212.6	2183.7	2166.9
10°	2491.3	2480.6	2466.9	2450.2	2441.0	2419.7	2384.7	2322.2	2291.8	2252.2	2223.3
12.5°	2632.9	2631.4	2600.9	2567.4	2565.9	2532.4	2508.0	2424.3	2383.2	2329.9	2261.3
15°	2722.7	2715.1	2698.4	2681.6	2686.2	2649.6	2594.8	2495.8	2468.4	2404.5	2331.4
17.5°	2721.2	2721.2	2716.6	2713.6	2709.0	2698.4	2667.9	2602.4	2558.3	2477.6	2409.0
20°	2634.4	2654.2	2658.8	2657.3	2672.5	2680.1	2678.6	2637.5	2602.4	2530.9	2460.8
22.5°	2460.8	2506.5	2526.3	2538.5	2570.5	2587.2	2626.8	2611.6	2602.4	2549.1	2489.8
25°	2299.4	2314.6	2374.0	2377.1	2421.2	2462.3	2501.9	2527.8	2561.3	2541.5	2491.3
27.5°	2090.8	2125.8	2168.4	2200.4	2209.6	2293.3	2358.8	2407.5	2483.7	2489.8	2473.0
30°	1854.7	1871.5	1941.5	1984.2	2032.9	2093.8	2188.2	2272.0	2340.5	2403.0	2424.3
32.5°	1566.9	1635.5	1676.6	1728.4	1771.0	1879.1	1994.8	2103.0	2182.1	2287.2	2332.9
35°	1303.5	1356.8	1426.8	1448.2	1525.8	1617.2	1768.0	1906.5	2026.8	2133.4	2226.3
37.5°	1085.7	1128.4	1203.0	1236.5	1282.2	1399.4	1525.8	1697.9	1842.6	1973.5	2089.3
40°	936.5	968.5	1024.8	1035.5	1073.6	1180.2	1282.2	1443.6	1635.5	1812.1	1938.5
42.5°	834.5	849.7	887.8	901.5	925.9	997.4	1088.8	1241.1	1419.2	1602.0	1780.1
45°	761.4	772.1	794.9	807.1	837.5	869.5	944.1	1065.9	1206.0	1390.3	1582.2
47.5°	695.9	709.6	718.8	726.4	743.1	778.1	826.9	916.7	1050.7	1219.7	1405.5
50°	641.1	645.7	662.4	663.9	674.6	697.4	743.1	797.9	904.5	1041.6	1221.3
52.5°	586.3	590.8	601.5	612.2	616.7	635.0	665.5	711.1	790.3	898.4	1058.3
55°	531.5	537.5	548.2	555.8	560.4	575.6	593.9	638.0	700.5	776.6	907.6
57.5°	476.6	490.3	493.4	498.0	505.6	522.3	539.1	565.0	613.7	683.7	779.7
60°	424.9	429.4	440.1	444.7	452.3	461.4	482.7	502.5	537.5	592.4	679.2
62.5°	371.6	382.2	386.8	391.4	397.4	408.1	421.8	443.1	473.6	517.7	586.3
65°	325.9	327.4	336.5	342.6	348.7	356.3	370.0	389.8	408.1	449.2	499.5
67.5°	281.7	284.8	287.8	293.9	301.5	309.1	321.3	332.0	354.8	382.2	421.8
70°	239.1	239.1	246.7	251.3	249.7	258.9	268.0	280.2	296.9	322.8	354.8
72.5°	201.0	199.5	205.6	207.1	210.1	216.2	222.3	234.5	243.6	263.4	287.8
75°	159.9	162.9	166.0	166.0	170.6	175.1	181.2	187.3	198.0	210.1	228.4
77.5°	126.4	126.4	129.4	131.0	135.5	134.0	140.1	146.2	153.8	164.5	178.2
80°	92.9	95.9	95.9	95.9	97.5	99.0	105.1	109.6	114.2	121.8	127.9
82.5°	65.5	65.5	68.5	68.5	68.5	71.6	71.6	73.1	76.1	80.7	85.3
85°	41.1	41.1	41.1	42.6	41.1	42.6	45.7	44.2	45.7	48.7	48.7
87.5°	19.8	19.8	19.8	19.8	19.8	21.3	19.8	21.3	22.8	22.8	22.8
90°	25.0	25.0	25.0	24.6	24.2	22.7	24.2	25.0	25.7	25.0	20.4
92.5°	46.9	49.9	50.7	53.8	56.8	65.1	76.4	97.6	116.5	115.0	89.3
95°	87.8	93.8	103.7	112.0	120.3	152.1	198.3	259.6	296.7	262.6	174.8
97.5°	157.4	172.5	202.1	224.8	247.5	323.9	405.6	487.4	483.6	373.8	232.3
100°	306.5	339.0	401.8	447.6	493.4	597.1	690.9	706.8	597.8	411.7	248.2
102.5°	576.7	638.0	707.6	756.8	806.0	874.8	877.8	788.5	601.6	397.3	249.0
105°	896.0	942.9	989.8	1002.3	1014.8	1005.0	919.5	762.1	560.8	377.6	252.8
107.5°	1098.8	1105.6	1106.4	1091.2	1076.1	1002.0	874.8	706.1	522.9	367.0	261.1
110°	1154.8	1140.4	1107.9	1076.9	1045.9	949.0	813.5	653.8	497.2	364.0	271.7

TEST NUMBER: P997963

CATALOG NUMBER: SA2XXDIP-B1005D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	1139.7	1113.2	1064.8	1028.1	991.4	886.2	757.5	617.5	480.5	364.8	283.0
115°	1095.8	1061.0	1007.3	968.3	929.3	830.2	713.6	588.8	469.2	367.8	294.4
117.5°	1040.6	1003.5	948.2	911.2	874.1	781.7	677.3	569.1	463.1	372.3	306.5
120°	983.0	947.5	894.5	860.0	825.6	745.4	651.6	554.0	457.8	376.9	318.6
122.5°	931.6	896.8	850.6	820.4	790.1	715.1	631.1	541.1	454.8	382.2	329.2
125°	885.4	856.7	812.8	784.4	756.0	689.4	611.5	529.0	451.0	387.5	340.5
127.5°	846.1	818.8	780.2	753.8	727.3	663.7	591.8	517.6	448.8	392.8	351.1
130°	810.5	784.8	747.7	722.7	697.7	638.0	572.9	506.3	447.2	398.8	361.0
132.5°	775.7	750.0	713.6	690.6	667.5	613.7	554.7	497.2	446.5	404.9	370.8
135°	737.8	712.9	680.3	659.2	638.0	588.0	538.1	488.9	445.7	409.4	379.1
137.5°	699.3	677.3	646.3	627.3	608.4	567.6	524.4	482.8	445.7	414.0	386.0
140°	659.9	640.2	616.0	599.4	582.7	547.9	511.6	477.5	445.0	417.0	391.2
142.5°	625.8	608.4	585.7	572.4	559.2	530.5	501.0	472.2	445.0	419.2	395.8
145°	592.5	579.7	561.5	550.6	539.6	516.1	491.1	467.7	443.5	420.8	399.6
147.5°	566.1	555.5	539.6	531.2	522.9	504.0	483.6	463.1	441.2	421.5	401.8
150°	541.8	532.8	521.4	514.6	507.8	491.9	475.2	457.1	438.9	420.8	403.4
152.5°	522.2	514.6	506.3	500.6	494.9	482.1	466.9	451.8	435.1	419.2	404.1
155°	504.8	499.5	491.1	487.0	482.8	471.5	459.4	445.0	430.6	417.7	404.9
157.5°	488.1	483.6	477.5	474.1	470.7	460.9	450.3	438.9	426.1	414.7	404.9
160°	473.0	469.2	463.9	461.2	458.6	450.3	442.0	432.1	421.5	412.4	404.9
162.5°	458.6	456.3	451.0	449.1	447.2	440.4	433.6	426.1	417.7	410.2	404.1
165°	445.0	442.0	438.9	437.4	435.9	430.6	425.3	419.2	412.4	407.1	402.6
167.5°	431.4	429.8	428.3	426.8	425.3	421.5	417.0	412.4	407.9	404.1	401.8
170°	420.8	418.5	417.7	417.0	416.2	413.2	410.9	407.1	404.1	401.8	400.3
172.5°	410.2	409.4	408.7	408.3	407.9	405.6	404.1	401.8	399.6	398.8	398.1
175°	402.6	401.8	401.8	401.5	401.1	400.3	399.6	397.3	396.5	395.8	396.5
177.5°	396.5	396.5	396.5	396.5	396.5	395.8	395.8	394.3	393.5	394.3	395.8
180°	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5

TEST NUMBER: P997963

CATALOG NUMBER: SA2XXDIP-B1005D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1
2.5°	2032.9	2025.3	2020.7	2023.8	2014.6	1991.8	1991.8	1999.4	1990.3	1981.1	1967.4
5°	2089.3	2074.0	2064.9	2063.4	2042.1	2005.5	1997.9	1990.3	1970.5	1949.2	1926.3
7.5°	2144.1	2116.7	2101.4	2090.8	2060.3	2013.1	1993.3	1976.6	1944.6	1912.6	1883.7
10°	2189.8	2150.2	2131.9	2115.1	2075.6	2016.2	1984.2	1953.7	1912.6	1871.5	1835.0
12.5°	2226.3	2180.6	2157.8	2133.4	2084.7	2007.0	1967.4	1918.7	1877.6	1822.8	1786.2
15°	2287.2	2192.8	2171.5	2148.6	2098.4	1991.8	1943.1	1888.3	1831.9	1758.8	1719.2
17.5°	2335.9	2209.6	2208.0	2159.3	2093.8	1985.7	1911.1	1839.5	1778.6	1705.5	1643.1
20°	2364.9	2235.4	2211.1	2160.8	2078.6	1944.6	1866.9	1787.7	1722.3	1633.9	1571.5
22.5°	2389.2	2272.0	2208.0	2147.1	2046.6	1930.9	1816.7	1742.1	1652.2	1556.3	1496.9
25°	2398.4	2279.6	2212.6	2142.6	2023.8	1891.3	1761.9	1681.2	1580.6	1493.9	1413.1
27.5°	2399.9	2278.1	2195.9	2122.8	1991.8	1839.5	1707.0	1621.8	1510.6	1410.1	1329.4
30°	2384.7	2261.3	2186.7	2107.5	1961.3	1792.3	1640.0	1545.6	1426.8	1326.3	1242.6
32.5°	2339.0	2227.8	2166.9	2080.1	1921.8	1726.8	1576.1	1471.0	1346.1	1247.2	1166.5
35°	2262.9	2186.7	2119.7	2039.0	1870.0	1665.9	1512.1	1388.8	1262.4	1168.0	1091.8
37.5°	2168.4	2127.3	2064.9	1985.7	1810.6	1611.1	1440.6	1303.5	1177.1	1085.7	1011.1
40°	2040.5	2051.2	1990.3	1918.7	1740.5	1536.5	1347.7	1216.7	1097.9	1012.7	939.6
42.5°	1902.0	1946.1	1911.1	1842.6	1662.9	1454.3	1279.1	1134.5	1018.7	930.4	869.5
45°	1752.7	1828.9	1807.5	1757.3	1582.2	1367.5	1181.7	1041.6	939.6	854.3	801.0
47.5°	1589.8	1697.9	1697.9	1661.4	1492.3	1280.7	1097.9	954.8	854.3	793.4	741.6
50°	1423.8	1545.6	1565.4	1541.1	1391.8	1181.7	995.9	866.5	779.7	720.3	682.2
52.5°	1250.2	1391.8	1428.4	1416.2	1285.2	1087.3	912.1	785.8	706.6	654.8	621.3
55°	1084.2	1248.7	1288.3	1292.8	1171.0	983.7	819.3	708.1	632.0	596.9	568.0
57.5°	927.4	1085.7	1129.9	1137.5	1055.3	889.3	732.5	635.0	566.5	537.5	514.7
60°	793.4	925.9	983.7	1000.5	928.9	779.7	651.8	557.3	505.6	478.2	456.8
62.5°	683.7	790.3	851.2	855.8	823.8	683.7	568.0	488.8	444.7	420.3	409.6
65°	577.1	673.1	709.6	727.9	702.0	592.4	490.3	424.9	389.8	368.5	357.9
67.5°	491.9	552.8	583.2	607.6	581.7	499.5	417.2	363.9	338.1	316.7	310.6
70°	403.5	453.8	476.6	501.0	478.2	415.7	356.3	307.6	284.8	268.0	260.4
72.5°	322.8	362.4	383.7	399.0	385.3	333.5	284.8	251.3	234.5	222.3	217.8
75°	255.8	283.2	295.4	306.1	300.0	260.4	229.9	202.5	187.3	176.6	173.6
77.5°	194.9	214.7	228.4	231.5	223.8	198.0	172.1	155.3	143.1	137.1	134.0
80°	138.6	150.8	158.4	162.9	155.3	144.7	126.4	114.2	103.5	95.9	94.4
82.5°	92.9	99.0	105.1	103.5	100.5	91.4	80.7	74.6	70.0	64.0	64.0
85°	53.3	54.8	57.9	59.4	57.9	51.8	45.7	42.6	39.6	35.0	35.0
87.5°	22.8	24.4	24.4	25.9	22.8	22.8	19.8	16.8	16.8	15.2	13.7
90°	15.1	11.4	10.2	9.1	7.6	6.1	3.0	0.8	3.0	6.1	7.6
92.5°	60.5	40.1	36.0	31.8	25.7	21.9	15.9	11.4	15.9	21.9	25.7
95°	109.0	74.2	65.1	56.0	43.9	37.1	29.5	26.5	29.5	37.1	43.9
97.5°	140.8	96.1	85.9	75.7	62.1	52.2	43.9	39.4	43.9	52.2	62.1
100°	155.9	115.8	105.2	94.6	79.5	67.4	60.5	58.3	60.5	67.4	79.5
102.5°	169.5	133.2	122.6	112.0	96.1	84.0	77.2	75.7	77.2	84.0	96.1
105°	185.4	149.8	139.2	128.7	112.0	100.6	95.4	92.3	95.4	100.6	112.0
107.5°	201.3	166.5	155.9	145.3	128.7	118.1	112.8	110.5	112.8	118.1	128.7
110°	217.2	183.9	172.9	161.9	146.1	136.2	131.7	128.7	131.7	136.2	146.1

TEST NUMBER: P997963

CATALOG NUMBER: SA2XXDIP-B1005D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	232.3	200.5	189.2	177.8	162.7	153.6	148.3	145.3	148.3	153.6	162.7
115°	248.2	215.7	205.4	195.2	180.1	171.0	166.5	162.7	166.5	171.0	180.1
117.5°	262.6	232.3	221.7	211.1	196.8	188.4	183.9	180.9	183.9	188.4	196.8
120°	277.7	248.2	237.6	227.0	211.9	205.1	200.5	197.5	200.5	205.1	211.9
122.5°	292.1	264.9	253.9	242.9	227.8	220.2	215.7	213.4	215.7	220.2	227.8
125°	306.5	279.2	268.6	258.1	242.9	233.8	229.3	227.0	229.3	233.8	242.9
127.5°	320.1	293.6	282.6	271.7	257.3	247.5	241.4	238.4	241.4	247.5	257.3
130°	332.2	305.7	295.1	284.5	269.4	258.8	251.2	248.2	251.2	258.8	269.4
132.5°	342.8	317.8	307.2	296.7	280.8	269.4	261.1	257.3	261.1	269.4	280.8
135°	352.7	328.4	317.8	307.2	289.8	278.5	269.4	266.4	269.4	278.5	289.8
137.5°	361.0	336.8	327.0	317.1	299.7	287.6	278.5	274.7	278.5	287.6	299.7
140°	367.8	345.1	335.2	325.4	308.8	296.7	287.6	284.5	287.6	296.7	308.8
142.5°	373.1	351.1	342.0	333.0	317.1	305.0	296.7	294.4	296.7	305.0	317.1
145°	378.4	358.0	349.6	341.3	326.2	314.8	307.2	304.2	307.2	314.8	326.2
147.5°	382.9	363.2	355.6	348.1	335.2	324.7	317.1	314.8	317.1	324.7	335.2
150°	386.0	368.5	361.7	354.9	343.6	333.7	327.7	325.4	327.7	333.7	343.6
152.5°	389.0	373.8	367.8	361.7	351.1	342.8	336.8	336.0	336.8	342.8	351.1
155°	392.0	379.1	373.5	367.8	359.5	351.1	346.6	345.8	346.6	351.1	359.5
157.5°	394.3	382.9	378.0	373.1	366.3	358.7	354.9	354.2	354.9	358.7	366.3
160°	395.8	386.7	382.5	378.4	372.3	366.3	363.2	362.5	363.2	366.3	372.3
162.5°	396.5	389.0	386.0	382.9	377.6	373.1	370.1	370.8	370.1	373.1	377.6
165°	397.3	390.5	388.2	386.0	382.2	377.6	376.1	376.9	376.1	377.6	382.2
167.5°	397.3	392.0	390.5	389.0	386.0	382.9	381.4	382.2	381.4	382.9	386.0
170°	396.5	392.8	391.6	390.5	389.0	386.7	386.0	387.5	386.0	386.7	389.0
172.5°	395.8	393.5	392.8	392.0	391.2	389.0	389.7	390.5	389.7	389.0	391.2
175°	395.0	393.5	393.2	392.8	392.8	391.2	392.0	392.8	392.0	391.2	392.8
177.5°	394.3	393.5	393.5	393.5	393.5	392.0	392.8	394.3	392.8	392.0	393.5
180°	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5

TEST NUMBER: P997963

CATALOG NUMBER: SA2XXDIP-B1005D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1
2.5°	1959.8	1967.4	1965.9	1950.7	1933.9	1920.2	1894.3	1897.4	1888.3	1889.8	1898.9
5°	1911.1	1911.1	1905.0	1883.7	1856.3	1841.0	1812.1	1804.5	1786.2	1784.7	1783.2
7.5°	1859.3	1851.7	1844.1	1813.6	1780.1	1755.8	1716.2	1707.0	1688.8	1676.6	1670.5
10°	1798.4	1787.7	1772.5	1737.5	1696.4	1665.9	1624.8	1612.6	1577.6	1562.4	1553.2
12.5°	1731.4	1725.3	1700.9	1672.0	1605.0	1571.5	1512.1	1524.3	1489.3	1458.8	1454.3
15°	1664.4	1641.6	1627.9	1580.6	1499.9	1484.7	1437.5	1413.1	1381.2	1356.8	1356.8
17.5°	1598.9	1563.9	1533.4	1483.2	1423.8	1381.2	1346.1	1334.0	1294.4	1270.0	1265.4
20°	1512.1	1472.5	1464.9	1393.3	1352.2	1305.0	1271.5	1241.1	1212.1	1201.5	1193.9
22.5°	1429.9	1384.2	1372.0	1311.1	1270.0	1222.8	1189.3	1168.0	1146.7	1139.0	1125.3
25°	1341.6	1314.2	1295.9	1230.4	1184.7	1140.6	1117.7	1102.5	1082.7	1081.2	1072.0
27.5°	1256.3	1230.4	1212.1	1149.7	1116.2	1075.1	1056.8	1040.1	1029.4	1024.8	1020.3
30°	1183.2	1154.3	1133.0	1087.3	1046.2	1012.7	997.4	986.8	980.7	973.1	971.5
32.5°	1102.5	1085.7	1056.8	1021.8	989.8	957.8	948.7	941.1	931.9	928.9	927.4
35°	1034.0	1011.1	992.9	953.3	939.6	912.1	901.5	895.4	883.2	880.2	877.1
37.5°	967.0	945.6	925.9	901.5	875.6	860.4	854.3	845.1	839.1	840.6	837.5
40°	900.0	883.2	868.0	842.1	826.9	819.3	807.1	797.9	794.9	796.4	794.9
42.5°	834.5	819.3	810.1	790.3	775.1	767.5	759.9	750.7	755.3	755.3	759.9
45°	775.1	761.4	755.3	740.1	730.9	718.8	711.1	709.6	715.7	714.2	714.2
47.5°	714.2	709.6	702.0	688.3	676.1	668.5	667.0	667.0	673.1	676.1	674.6
50°	667.0	657.8	648.7	638.0	628.9	625.9	621.3	624.3	630.4	630.4	633.5
52.5°	607.6	601.5	598.5	589.3	583.2	583.2	583.2	584.7	589.3	593.9	592.4
55°	555.8	551.2	548.2	543.6	536.0	537.5	536.0	539.1	543.6	548.2	551.2
57.5°	501.0	499.5	496.4	488.8	488.8	487.3	491.9	493.4	501.0	504.0	508.6
60°	452.3	447.7	447.7	441.6	441.6	441.6	446.2	450.7	456.8	458.4	461.4
62.5°	400.5	400.5	399.0	394.4	394.4	399.0	400.5	406.6	409.6	409.6	414.2
65°	351.8	350.2	348.7	350.2	351.8	351.8	356.3	359.4	362.4	363.9	365.5
67.5°	303.0	301.5	304.6	303.0	306.1	312.2	310.6	315.2	319.8	319.8	321.3
70°	257.4	260.4	258.9	261.9	260.4	263.4	268.0	269.5	269.5	271.1	275.6
72.5°	214.7	214.7	214.7	213.2	214.7	217.8	220.8	222.3	225.4	226.9	231.5
75°	173.6	173.6	170.6	173.6	173.6	176.6	179.7	179.7	179.7	182.7	187.3
77.5°	131.0	132.5	131.0	134.0	134.0	135.5	138.6	137.1	140.1	141.6	143.1
80°	95.9	94.4	94.4	94.4	95.9	95.9	99.0	100.5	100.5	105.1	102.0
82.5°	60.9	62.4	60.9	62.4	62.4	64.0	62.4	64.0	65.5	68.5	67.0
85°	35.0	33.5	33.5	35.0	33.5	33.5	35.0	33.5	35.0	33.5	35.0
87.5°	13.7	12.2	12.2	12.2	12.2	10.7	10.7	9.1	9.1	9.1	7.6
90°	9.1	10.2	11.4	15.1	20.4	25.0	25.7	25.0	24.2	22.7	24.2
92.5°	31.8	36.0	40.1	60.5	89.3	115.0	116.5	97.6	76.4	65.1	56.8
95°	56.0	65.1	74.2	109.0	174.8	262.6	296.7	259.6	198.3	152.1	120.3
97.5°	75.7	85.9	96.1	140.8	232.3	373.8	483.6	487.4	405.6	323.9	247.5
100°	94.6	105.2	115.8	155.9	248.2	411.7	597.8	706.8	690.9	597.1	493.4
102.5°	112.0	122.6	133.2	169.5	249.0	397.3	601.6	788.5	877.8	874.8	806.0
105°	128.7	139.2	149.8	185.4	252.8	377.6	560.8	762.1	919.5	1005.0	1014.8
107.5°	145.3	155.9	166.5	201.3	261.1	367.0	522.9	706.1	874.8	1002.0	1076.1
110°	161.9	172.9	183.9	217.2	271.7	364.0	497.2	653.8	813.5	949.0	1045.9

TEST NUMBER: P997963

CATALOG NUMBER: SA2XXDIP-B1005D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	177.8	189.2	200.5	232.3	283.0	364.8	480.5	617.5	757.5	886.2	991.4
115°	195.2	205.4	215.7	248.2	294.4	367.8	469.2	588.8	713.6	830.2	929.3
117.5°	211.1	221.7	232.3	262.6	306.5	372.3	463.1	569.1	677.3	781.7	874.1
120°	227.0	237.6	248.2	277.7	318.6	376.9	457.8	554.0	651.6	745.4	825.6
122.5°	242.9	253.9	264.9	292.1	329.2	382.2	454.8	541.1	631.1	715.1	790.1
125°	258.1	268.6	279.2	306.5	340.5	387.5	451.0	529.0	611.5	689.4	756.0
127.5°	271.7	282.6	293.6	320.1	351.1	392.8	448.8	517.6	591.8	663.7	727.3
130°	284.5	295.1	305.7	332.2	361.0	398.8	447.2	506.3	572.9	638.0	697.7
132.5°	296.7	307.2	317.8	342.8	370.8	404.9	446.5	497.2	554.7	613.7	667.5
135°	307.2	317.8	328.4	352.7	379.1	409.4	445.7	488.9	538.1	588.0	638.0
137.5°	317.1	327.0	336.8	361.0	386.0	414.0	445.7	482.8	524.4	567.6	608.4
140°	325.4	335.2	345.1	367.8	391.2	417.0	445.0	477.5	511.6	547.9	582.7
142.5°	333.0	342.0	351.1	373.1	395.8	419.2	445.0	472.2	501.0	530.5	559.2
145°	341.3	349.6	358.0	378.4	399.6	420.8	443.5	467.7	491.1	516.1	539.6
147.5°	348.1	355.6	363.2	382.9	401.8	421.5	441.2	463.1	483.6	504.0	522.9
150°	354.9	361.7	368.5	386.0	403.4	420.8	438.9	457.1	475.2	491.9	507.8
152.5°	361.7	367.8	373.8	389.0	404.1	419.2	435.1	451.8	466.9	482.1	494.9
155°	367.8	373.5	379.1	392.0	404.9	417.7	430.6	445.0	459.4	471.5	482.8
157.5°	373.1	378.0	382.9	394.3	404.9	414.7	426.1	438.9	450.3	460.9	470.7
160°	378.4	382.5	386.7	395.8	404.9	412.4	421.5	432.1	442.0	450.3	458.6
162.5°	382.9	386.0	389.0	396.5	404.1	410.2	417.7	426.1	433.6	440.4	447.2
165°	386.0	388.2	390.5	397.3	402.6	407.1	412.4	419.2	425.3	430.6	435.9
167.5°	389.0	390.5	392.0	397.3	401.8	404.1	407.9	412.4	417.0	421.5	425.3
170°	390.5	391.6	392.8	396.5	400.3	401.8	404.1	407.1	410.9	413.2	416.2
172.5°	392.0	392.8	393.5	395.8	398.1	398.8	399.6	401.8	404.1	405.6	407.9
175°	392.8	393.2	393.5	395.0	396.5	395.8	396.5	397.3	399.6	400.3	401.1
177.5°	393.5	393.5	393.5	394.3	395.8	394.3	393.5	394.3	395.8	395.8	396.5
180°	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5

TEST NUMBER: P997963

CATALOG NUMBER: SA2XXDIP-B1005D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1
2.5°	1888.3	1892.8	1882.2	1879.1	1882.2	1871.5	1874.5	1877.6	1877.6	1882.2	1885.2
5°	1778.6	1772.5	1761.9	1758.8	1755.8	1760.3	1757.3	1761.9	1763.4	1774.0	1775.6
7.5°	1670.5	1661.4	1652.2	1643.1	1640.0	1632.4	1640.0	1640.0	1650.7	1647.7	1655.3
10°	1542.6	1541.1	1528.9	1524.3	1518.2	1506.0	1522.8	1518.2	1525.8	1539.5	1542.6
12.5°	1448.2	1431.4	1439.0	1417.7	1425.3	1413.1	1414.7	1414.7	1426.8	1428.4	1425.3
15°	1358.3	1344.6	1324.8	1315.7	1311.1	1305.0	1324.8	1326.3	1317.2	1338.5	1330.9
17.5°	1267.0	1267.0	1248.7	1244.1	1231.9	1238.0	1235.0	1236.5	1233.5	1248.7	1256.3
20°	1187.8	1180.2	1174.1	1175.6	1160.4	1157.3	1154.3	1157.3	1168.0	1178.6	1181.7
22.5°	1123.8	1119.2	1104.0	1107.1	1094.9	1099.4	1096.4	1104.0	1105.5	1105.5	1116.2
25°	1062.9	1056.8	1058.3	1052.2	1047.7	1047.7	1043.1	1047.7	1053.8	1056.8	1058.3
27.5°	1017.2	1012.7	1005.0	1000.5	1003.5	995.9	1002.0	1006.6	1006.6	1003.5	1006.6
30°	962.4	965.4	965.4	950.2	956.3	953.3	957.8	960.9	960.9	962.4	959.4
32.5°	925.9	916.7	915.2	913.7	913.7	907.6	907.6	912.1	913.7	915.2	919.8
35°	877.1	877.1	869.5	874.1	868.0	869.5	868.0	869.5	872.6	868.0	872.6
37.5°	833.0	834.5	831.4	834.5	836.0	833.0	829.9	836.0	833.0	833.0	829.9
40°	794.9	793.4	794.9	794.9	794.9	796.4	793.4	793.4	793.4	790.3	787.3
42.5°	762.9	753.8	756.8	758.3	753.8	753.8	755.3	753.8	758.3	749.2	749.2
45°	717.2	714.2	715.7	715.7	718.8	714.2	717.2	718.8	714.2	712.7	709.6
47.5°	676.1	679.2	676.1	679.2	679.2	682.2	676.1	677.6	679.2	673.1	668.5
50°	635.0	635.0	639.6	638.0	639.6	636.5	636.5	635.0	636.5	633.5	628.9
52.5°	596.9	592.4	600.0	598.5	596.9	595.4	593.9	595.4	592.4	589.3	589.3
55°	549.7	549.7	554.3	555.8	555.8	552.8	549.7	551.2	549.7	548.2	546.7
57.5°	511.7	505.6	508.6	510.1	510.1	505.6	508.6	505.6	505.6	507.1	502.5
60°	462.9	462.9	459.9	464.4	464.4	461.4	461.4	462.9	459.9	458.4	456.8
62.5°	411.2	412.7	417.2	418.8	420.3	417.2	414.2	415.7	415.7	411.2	412.7
65°	367.0	370.0	376.1	374.6	371.6	373.1	370.0	371.6	367.0	368.5	363.9
67.5°	324.4	322.8	324.4	324.4	327.4	325.9	322.8	322.8	321.3	325.9	321.3
70°	278.7	278.7	278.7	278.7	280.2	281.7	278.7	275.6	277.1	274.1	272.6
72.5°	231.5	233.0	231.5	234.5	229.9	233.0	233.0	231.5	229.9	229.9	229.9
75°	187.3	190.3	185.8	187.3	185.8	188.8	187.3	187.3	184.3	182.7	184.3
77.5°	143.1	144.7	141.6	143.1	141.6	143.1	143.1	141.6	141.6	141.6	141.6
80°	102.0	103.5	102.0	100.5	99.0	102.0	99.0	100.5	102.0	100.5	103.5
82.5°	65.5	65.5	64.0	65.5	62.4	62.4	64.0	64.0	62.4	65.5	62.4
85°	32.0	32.0	35.0	32.0	30.5	30.5	30.5	32.0	30.5	33.5	32.0
87.5°	7.6	6.1	7.6	7.6	6.1	6.1	7.6	6.1	7.6	9.1	6.1
90°	24.6	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	24.6
92.5°	53.8	50.7	49.9	46.9	47.7	46.2	47.7	46.9	49.9	50.7	53.8
95°	112.0	103.7	93.8	87.8	85.5	86.3	85.5	87.8	93.8	103.7	112.0
97.5°	224.8	202.1	172.5	157.4	149.1	144.5	149.1	157.4	172.5	202.1	224.8
100°	447.6	401.8	339.0	306.5	284.5	270.9	284.5	306.5	339.0	401.8	447.6
102.5°	756.8	707.6	638.0	576.7	547.9	528.2	547.9	576.7	638.0	707.6	756.8
105°	1002.3	989.8	942.9	896.0	863.5	852.9	863.5	896.0	942.9	989.8	1002.3
107.5°	1091.2	1106.4	1105.6	1098.8	1089.0	1071.6	1089.0	1098.8	1105.6	1106.4	1091.2
110°	1076.9	1107.9	1140.4	1154.8	1161.6	1160.9	1161.6	1154.8	1140.4	1107.9	1076.9

TEST NUMBER: P997963

CATALOG NUMBER: SA2XXDIP-B1005D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	1028.1	1064.8	1113.2	1139.7	1154.1	1159.4	1154.1	1139.7	1113.2	1064.8	1028.1
115°	968.3	1007.3	1061.0	1095.8	1115.5	1122.3	1115.5	1095.8	1061.0	1007.3	968.3
117.5°	911.2	948.2	1003.5	1040.6	1061.0	1066.3	1061.0	1040.6	1003.5	948.2	911.2
120°	860.0	894.5	947.5	983.0	1005.0	1012.6	1005.0	983.0	947.5	894.5	860.0
122.5°	820.4	850.6	896.8	931.6	950.5	956.6	950.5	931.6	896.8	850.6	820.4
125°	784.4	812.8	856.7	885.4	904.3	910.4	904.3	885.4	856.7	812.8	784.4
127.5°	753.8	780.2	818.8	846.1	862.7	867.3	862.7	846.1	818.8	780.2	753.8
130°	722.7	747.7	784.8	810.5	825.6	831.7	825.6	810.5	784.8	747.7	722.7
132.5°	690.6	713.6	750.0	775.7	789.3	794.6	789.3	775.7	750.0	713.6	690.6
135°	659.2	680.3	712.9	737.8	751.5	754.5	751.5	737.8	712.9	680.3	659.2
137.5°	627.3	646.3	677.3	699.3	711.4	715.9	711.4	699.3	677.3	646.3	627.3
140°	599.4	616.0	640.2	659.9	671.3	675.8	671.3	659.9	640.2	616.0	599.4
142.5°	572.4	585.7	608.4	625.8	635.7	635.7	635.7	625.8	608.4	585.7	572.4
145°	550.6	561.5	579.7	592.5	600.1	602.4	600.1	592.5	579.7	561.5	550.6
147.5°	531.2	539.6	555.5	566.1	571.4	572.9	571.4	566.1	555.5	539.6	531.2
150°	514.6	521.4	532.8	541.8	546.4	547.1	546.4	541.8	532.8	521.4	514.6
152.5°	500.6	506.3	514.6	522.2	525.2	525.2	525.2	522.2	514.6	506.3	500.6
155°	487.0	491.1	499.5	504.8	507.8	506.3	507.8	504.8	499.5	491.1	487.0
157.5°	474.1	477.5	483.6	488.1	489.6	489.6	489.6	488.1	483.6	477.5	474.1
160°	461.2	463.9	469.2	473.0	473.7	473.7	473.7	473.0	469.2	463.9	461.2
162.5°	449.1	451.0	456.3	458.6	459.4	458.6	459.4	458.6	456.3	451.0	449.1
165°	437.4	438.9	442.0	445.0	445.0	444.2	445.0	445.0	442.0	438.9	437.4
167.5°	426.8	428.3	429.8	431.4	431.4	430.6	431.4	431.4	429.8	428.3	426.8
170°	417.0	417.7	418.5	420.8	420.0	418.5	420.0	420.8	418.5	417.7	417.0
172.5°	408.3	408.7	409.4	410.2	409.4	408.7	409.4	410.2	409.4	408.7	408.3
175°	401.5	401.8	401.8	402.6	401.8	400.3	401.8	402.6	401.8	401.8	401.5
177.5°	396.5	396.5	396.5	396.5	395.8	394.3	395.8	396.5	396.5	396.5	396.5
180°	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5

TEST NUMBER: P997963

CATALOG NUMBER: SA2XXDIP-B1005D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1
2.5°	1880.6	1892.8	1888.3	1871.5	1891.3	1891.3	1905.0	1905.0	1921.8	1927.8	1937.0
5°	1774.0	1783.2	1790.8	1783.2	1796.9	1818.2	1830.4	1841.0	1863.9	1873.0	1886.7
7.5°	1659.8	1676.6	1684.2	1684.2	1707.0	1731.4	1755.8	1771.0	1803.0	1815.2	1828.9
10°	1548.7	1568.5	1583.7	1582.2	1620.2	1635.5	1665.9	1700.9	1732.9	1751.2	1771.0
12.5°	1431.4	1442.1	1463.4	1493.9	1503.0	1530.4	1565.4	1609.6	1667.4	1684.2	1713.1
15°	1334.0	1362.9	1379.6	1393.3	1414.7	1440.6	1478.6	1521.3	1579.1	1615.7	1646.1
17.5°	1251.7	1289.8	1300.5	1297.4	1324.8	1364.4	1408.6	1440.6	1492.3	1536.5	1565.4
20°	1184.7	1200.0	1218.2	1225.8	1247.2	1289.8	1332.4	1369.0	1411.6	1446.6	1480.1
22.5°	1117.7	1129.9	1145.1	1158.8	1175.6	1200.0	1241.1	1286.8	1327.9	1361.4	1399.4
25°	1062.9	1070.5	1084.2	1094.9	1113.2	1129.9	1158.8	1209.1	1257.8	1277.6	1311.1
27.5°	1009.6	1015.7	1024.8	1037.0	1046.2	1062.9	1088.8	1129.9	1180.2	1200.0	1245.6
30°	962.4	967.0	976.1	982.2	986.8	1006.6	1026.4	1058.3	1096.4	1123.8	1157.3
32.5°	918.2	922.8	931.9	933.5	939.6	950.2	968.5	997.4	1030.9	1053.8	1082.7
35°	869.5	872.6	881.7	884.7	889.3	898.4	912.1	933.5	963.9	980.7	1006.6
37.5°	831.4	829.9	836.0	840.6	846.7	851.2	855.8	877.1	900.0	915.2	935.0
40°	790.3	787.3	788.8	794.9	797.9	804.0	804.0	825.3	840.6	852.8	868.0
42.5°	749.2	747.7	744.6	747.7	750.7	752.3	753.8	769.0	784.2	794.9	811.6
45°	708.1	706.6	703.5	705.0	705.0	708.1	712.7	718.8	729.4	738.5	747.7
47.5°	670.0	667.0	662.4	660.9	663.9	663.9	663.9	670.0	680.7	683.7	692.9
50°	630.4	625.9	619.8	616.7	616.7	615.2	618.2	619.8	628.9	632.0	639.6
52.5°	587.8	584.7	578.7	572.6	574.1	571.0	572.6	574.1	577.1	581.7	586.3
55°	545.2	539.1	534.5	533.0	528.4	528.4	523.8	529.9	528.4	529.9	536.0
57.5°	504.0	498.0	490.3	487.3	482.7	481.2	478.2	476.6	478.2	482.7	487.3
60°	455.3	452.3	447.7	443.1	440.1	435.5	432.5	432.5	430.9	430.9	432.5
62.5°	408.1	406.6	400.5	399.0	395.9	392.9	388.3	385.3	385.3	388.3	389.8
65°	362.4	360.9	356.3	354.8	347.2	344.1	342.6	341.1	338.1	338.1	338.1
67.5°	319.8	315.2	315.2	307.6	301.5	298.5	295.4	293.9	293.9	293.9	295.4
70°	272.6	272.6	268.0	263.4	257.4	258.9	254.3	249.7	249.7	246.7	248.2
72.5°	226.9	225.4	220.8	219.3	214.7	210.1	207.1	210.1	205.6	204.1	205.6
75°	182.7	181.2	178.2	175.1	176.6	172.1	167.5	166.0	166.0	162.9	162.9
77.5°	140.1	143.1	137.1	135.5	132.5	129.4	127.9	126.4	126.4	126.4	129.4
80°	97.5	99.0	99.0	95.9	97.5	92.9	92.9	92.9	88.3	89.8	91.4
82.5°	62.4	62.4	60.9	62.4	60.9	60.9	59.4	59.4	57.9	57.9	59.4
85°	35.0	33.5	32.0	35.0	33.5	33.5	32.0	32.0	32.0	32.0	32.0
87.5°	7.6	9.1	9.1	9.1	9.1	10.7	10.7	10.7	12.2	12.2	12.2
90°	24.2	22.7	24.2	25.0	25.7	25.0	20.4	15.1	11.4	10.2	9.1
92.5°	56.8	65.1	76.4	97.6	116.5	115.0	89.3	60.5	40.1	36.0	31.8
95°	120.3	152.1	198.3	259.6	296.7	262.6	174.8	109.0	74.2	65.1	56.0
97.5°	247.5	323.9	405.6	487.4	483.6	373.8	232.3	140.8	96.1	85.9	75.7
100°	493.4	597.1	690.9	706.8	597.8	411.7	248.2	155.9	115.8	105.2	94.6
102.5°	806.0	874.8	877.8	788.5	601.6	397.3	249.0	169.5	133.2	122.6	112.0
105°	1014.8	1005.0	919.5	762.1	560.8	377.6	252.8	185.4	149.8	139.2	128.7
107.5°	1076.1	1002.0	874.8	706.1	522.9	367.0	261.1	201.3	166.5	155.9	145.3
110°	1045.9	949.0	813.5	653.8	497.2	364.0	271.7	217.2	183.9	172.9	161.9

TEST NUMBER: P997963

CATALOG NUMBER: SA2XXDIP-B1005D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	991.4	886.2	757.5	617.5	480.5	364.8	283.0	232.3	200.5	189.2	177.8
115°	929.3	830.2	713.6	588.8	469.2	367.8	294.4	248.2	215.7	205.4	195.2
117.5°	874.1	781.7	677.3	569.1	463.1	372.3	306.5	262.6	232.3	221.7	211.1
120°	825.6	745.4	651.6	554.0	457.8	376.9	318.6	277.7	248.2	237.6	227.0
122.5°	790.1	715.1	631.1	541.1	454.8	382.2	329.2	292.1	264.9	253.9	242.9
125°	756.0	689.4	611.5	529.0	451.0	387.5	340.5	306.5	279.2	268.6	258.1
127.5°	727.3	663.7	591.8	517.6	448.8	392.8	351.1	320.1	293.6	282.6	271.7
130°	697.7	638.0	572.9	506.3	447.2	398.8	361.0	332.2	305.7	295.1	284.5
132.5°	667.5	613.7	554.7	497.2	446.5	404.9	370.8	342.8	317.8	307.2	296.7
135°	638.0	588.0	538.1	488.9	445.7	409.4	379.1	352.7	328.4	317.8	307.2
137.5°	608.4	567.6	524.4	482.8	445.7	414.0	386.0	361.0	336.8	327.0	317.1
140°	582.7	547.9	511.6	477.5	445.0	417.0	391.2	367.8	345.1	335.2	325.4
142.5°	559.2	530.5	501.0	472.2	445.0	419.2	395.8	373.1	351.1	342.0	333.0
145°	539.6	516.1	491.1	467.7	443.5	420.8	399.6	378.4	358.0	349.6	341.3
147.5°	522.9	504.0	483.6	463.1	441.2	421.5	401.8	382.9	363.2	355.6	348.1
150°	507.8	491.9	475.2	457.1	438.9	420.8	403.4	386.0	368.5	361.7	354.9
152.5°	494.9	482.1	466.9	451.8	435.1	419.2	404.1	389.0	373.8	367.8	361.7
155°	482.8	471.5	459.4	445.0	430.6	417.7	404.9	392.0	379.1	373.5	367.8
157.5°	470.7	460.9	450.3	438.9	426.1	414.7	404.9	394.3	382.9	378.0	373.1
160°	458.6	450.3	442.0	432.1	421.5	412.4	404.9	395.8	386.7	382.5	378.4
162.5°	447.2	440.4	433.6	426.1	417.7	410.2	404.1	396.5	389.0	386.0	382.9
165°	435.9	430.6	425.3	419.2	412.4	407.1	402.6	397.3	390.5	388.2	386.0
167.5°	425.3	421.5	417.0	412.4	407.9	404.1	401.8	397.3	392.0	390.5	389.0
170°	416.2	413.2	410.9	407.1	404.1	401.8	400.3	396.5	392.8	391.6	390.5
172.5°	407.9	405.6	404.1	401.8	399.6	398.8	398.1	395.8	393.5	392.8	392.0
175°	401.1	400.3	399.6	397.3	396.5	395.8	396.5	395.0	393.5	393.2	392.8
177.5°	396.5	395.8	395.8	394.3	393.5	394.3	395.8	394.3	393.5	393.5	393.5
180°	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5

TEST NUMBER: P997963

CATALOG NUMBER: SA2XXDIP-B1005D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1981.1	1981.1	1981.1	1981.1
2.5°	1944.6	1944.6	1967.4	1991.8
5°	1902.0	1912.6	1949.2	1982.7
7.5°	1860.8	1879.1	1924.8	1967.4
10°	1810.6	1835.0	1891.3	1941.5
12.5°	1761.9	1784.7	1850.2	1906.5
15°	1693.3	1722.3	1792.3	1862.4
17.5°	1624.8	1653.7	1739.0	1821.2
20°	1544.1	1582.2	1678.1	1787.7
22.5°	1469.5	1516.7	1623.3	1711.6
25°	1387.3	1460.3	1559.3	1673.5
27.5°	1314.2	1387.3	1487.8	1603.5
30°	1231.9	1306.5	1410.1	1516.7
32.5°	1152.7	1221.3	1321.8	1452.7
35°	1070.5	1136.0	1233.5	1365.9
37.5°	995.9	1059.9	1166.5	1288.3
40°	922.8	989.8	1081.2	1203.0
42.5°	854.3	913.7	995.9	1117.7
45°	791.8	834.5	910.6	1024.8
47.5°	726.4	764.4	834.5	948.7
50°	665.5	697.4	758.3	864.9
52.5°	606.1	633.5	689.8	775.1
55°	552.8	578.7	619.8	703.5
57.5°	498.0	517.7	557.3	624.3
60°	444.7	462.9	494.9	549.7
62.5°	391.4	406.6	437.0	481.2
65°	344.1	356.3	379.2	417.2
67.5°	298.5	306.1	324.4	354.8
70°	254.3	260.4	275.6	300.0
72.5°	207.1	213.2	229.9	246.7
75°	167.5	169.0	181.2	194.9
77.5°	131.0	129.4	138.6	149.2
80°	89.8	94.4	102.0	106.6
82.5°	60.9	62.4	65.5	68.5
85°	33.5	35.0	35.0	39.6
87.5°	13.7	15.2	15.2	16.8
90°	7.6	6.1	3.0	0.8
92.5°	25.7	21.9	15.9	11.4
95°	43.9	37.1	29.5	26.5
97.5°	62.1	52.2	43.9	39.4
100°	79.5	67.4	60.5	58.3
102.5°	96.1	84.0	77.2	75.7
105°	112.0	100.6	95.4	92.3
107.5°	128.7	118.1	112.8	110.5
110°	146.1	136.2	131.7	128.7



TEST NUMBER: P997963

CATALOG NUMBER: SA2XXDIP-B1005D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	162.7	153.6	148.3	145.3
115°	180.1	171.0	166.5	162.7
117.5°	196.8	188.4	183.9	180.9
120°	211.9	205.1	200.5	197.5
122.5°	227.8	220.2	215.7	213.4
125°	242.9	233.8	229.3	227.0
127.5°	257.3	247.5	241.4	238.4
130°	269.4	258.8	251.2	248.2
132.5°	280.8	269.4	261.1	257.3
135°	289.8	278.5	269.4	266.4
137.5°	299.7	287.6	278.5	274.7
140°	308.8	296.7	287.6	284.5
142.5°	317.1	305.0	296.7	294.4
145°	326.2	314.8	307.2	304.2
147.5°	335.2	324.7	317.1	314.8
150°	343.6	333.7	327.7	325.4
152.5°	351.1	342.8	336.8	336.0
155°	359.5	351.1	346.6	345.8
157.5°	366.3	358.7	354.9	354.2
160°	372.3	366.3	363.2	362.5
162.5°	377.6	373.1	370.1	370.8
165°	382.2	377.6	376.1	376.9
167.5°	386.0	382.9	381.4	382.2
170°	389.0	386.7	386.0	387.5
172.5°	391.2	389.0	389.7	390.5
175°	392.8	391.2	392.0	392.8
177.5°	393.5	392.0	392.8	394.3
180°	393.5	393.5	393.5	393.5

TEST NUMBER: P997963

CATALOG NUMBER: SA2XXDIP-B1005D725UB27-4F0-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	18.82	19.75	19.68	20.63	21.73	16.32	17.25	17.18	18.12	19.22
	3H	19.64	20.47	20.51	21.36	22.49	17.67	18.50	18.54	19.39	20.51
	4H	19.81	20.60	20.70	21.49	22.63	18.13	18.92	19.02	19.81	20.95
	6H	19.86	20.59	20.76	21.48	22.63	18.44	19.17	19.34	20.07	21.22
	8H	19.84	20.53	20.75	21.45	22.60	18.53	19.22	19.44	20.13	21.28
	12H	19.81	20.46	20.72	21.37	22.55	18.57	19.23	19.49	20.14	21.31
4H	2H	18.87	19.66	19.77	20.55	21.69	16.77	17.56	17.66	18.45	19.59
	3H	19.86	20.51	20.76	21.44	22.59	18.24	18.89	19.14	19.82	20.97
	4H	20.14	20.74	21.06	21.65	22.83	18.78	19.37	19.69	20.29	21.47
	6H	20.27	20.79	21.20	21.73	22.91	19.16	19.67	20.09	20.61	21.79
	8H	20.27	20.75	21.21	21.69	22.88	19.27	19.75	20.20	20.69	21.88
	12H	20.24	20.67	21.19	21.63	22.82	19.33	19.76	20.28	20.72	21.91
8H	4H	20.15	20.63	21.09	21.57	22.76	18.92	19.40	19.85	20.34	21.53
	6H	20.34	20.73	21.29	21.71	22.90	19.36	19.76	20.32	20.73	21.93
	8H	20.37	20.71	21.33	21.68	22.89	19.51	19.86	20.48	20.83	22.04
	12H	20.35	20.66	21.32	21.62	22.88	19.61	19.91	20.58	20.88	22.13
12H	4H	20.11	20.55	21.06	21.50	22.70	18.90	19.33	19.85	20.29	21.48
	6H	20.31	20.66	21.28	21.63	22.84	19.36	19.71	20.33	20.68	21.89
	8H	20.35	20.66	21.32	21.62	22.88	19.52	19.83	20.49	20.79	22.05