

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: P997786

Luminaire Tested: SA2XXDIP-B1005D1080UB27-4F0-XX-W2A-A4

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P997786
REPORT IS A COMBINATION OF REPORTS P983520 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXDIP-B1005D1080UB27-4F0-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

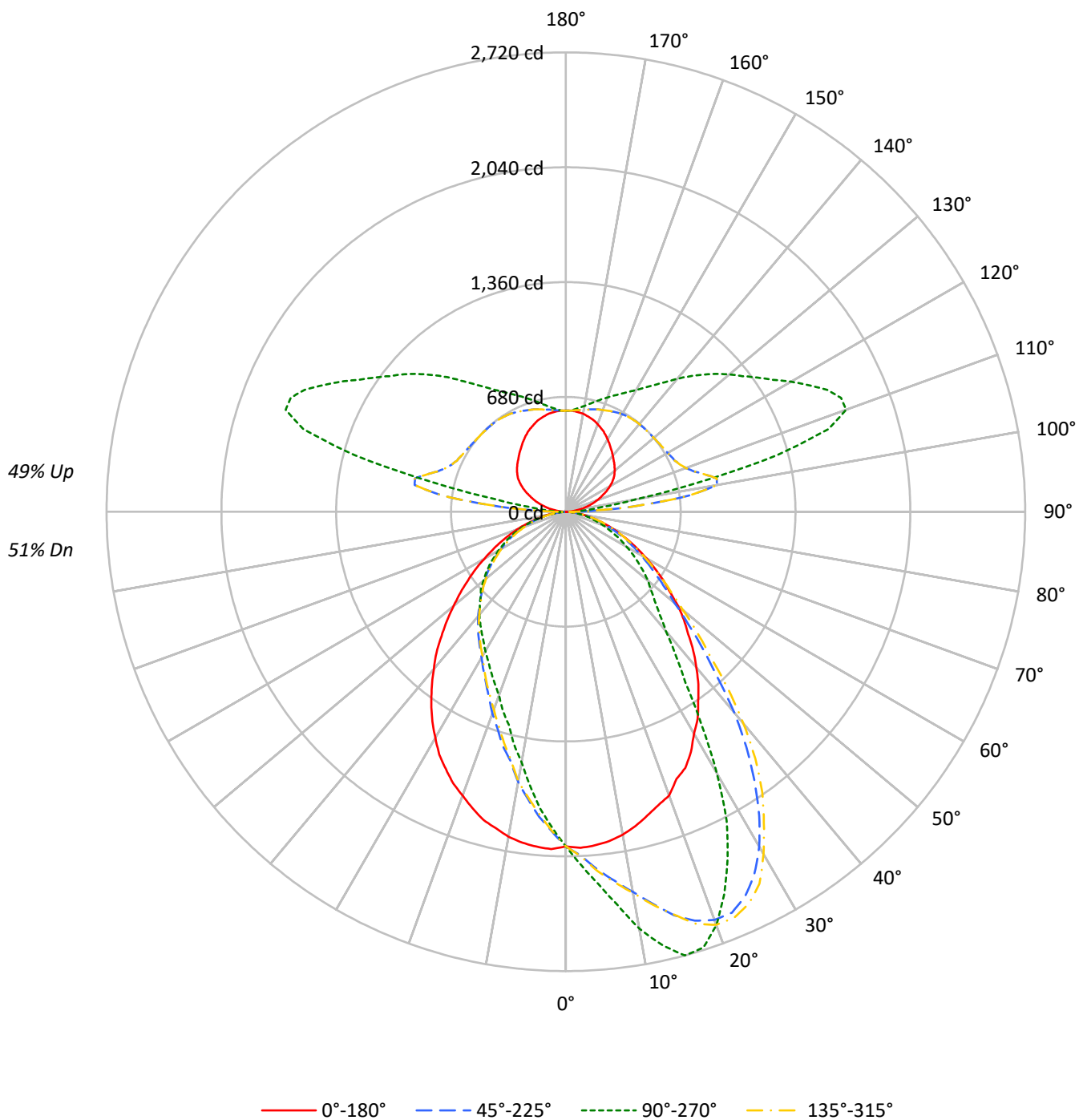
Lumens per Lamp: N/A
Luminaire Lumens: 8543.0 lumens
Efficiency: N/A
Efficacy: 88.7 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 96.3
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	107	107	107	107	99	99	99	99	84	84	84	70	70	70	57	57	57	51	51	51
1	99	94	91	87	91	87	84	81	74	72	70	62	61	59	51	50	49	44	44	44
2	90	83	77	72	83	77	72	68	66	62	59	55	53	50	46	44	42	38	38	38
3	83	73	66	61	76	68	62	57	58	54	50	49	46	43	41	39	37	33	33	33
4	76	65	58	52	70	61	54	49	52	47	43	44	41	37	37	34	32	28	28	28
5	70	58	51	45	64	54	48	42	47	42	37	40	36	33	34	31	28	25	25	25
6	64	53	45	39	59	49	42	37	43	37	33	36	32	29	31	27	25	22	22	22
7	60	48	40	34	55	45	38	33	39	33	29	33	29	26	28	25	22	20	20	20
8	55	43	36	31	51	41	34	29	35	30	26	31	26	23	26	23	20	18	18	18
9	52	40	32	27	48	37	31	26	33	27	24	28	24	21	24	21	18	16	16	16
10	48	37	29	25	45	34	28	24	30	25	21	26	22	19	22	19	17	15	15	15

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	2.2
10°-20°	549.2	6.4
20°-30°	797.1	9.3
30°-40°	840.3	9.8
40°-50°	743.6	8.7
50°-60°	593.7	6.9
60°-70°	403.3	4.7
70°-80°	206.3	2.4
80°-90°	52.6	0.6
90°-100°	233.3	2.7
100°-110°	821.7	9.6
110°-120°	863.0	10.1
120°-130°	709.9	8.3
130°-140°	570.3	6.7
140°-150°	430.8	5.0
150°-160°	302.9	3.5
160°-170°	178.3	2.1
170°-180°	58.0	0.7
0°-30°	1535.0	18.0
0°-40°	2375.3	27.8
0°-60°	3712.6	43.5
0°-90°	4374.8	51.2
90°-120°	1918.0	22.5
90°-150°	3629.0	42.5
90°-180°	4168.0	48.8
0°-180°	8543.0	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	38	1	38	1	5
95°	40	131	40	131	40	42
105°	140	1297	140	1297	140	149
115°	248	1707	248	1707	248	245
125°	345	1385	345	1385	345	307
135°	405	1148	405	1148	405	313
145°	463	916	463	916	463	290
155°	526	770	526	770	526	242
165°	573	676	573	676	573	162
175°	597	609	597	609	597	57
180°	598	598	598	598	598	

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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°	1.2	4.6	9.2	11.5	13.8	15.6	17.3	23.0	31.1	38.0	39.1
92.5°	17.3	24.2	33.4	39.1	48.3	54.6	61.0	92.1	135.8	175.0	177.3
95°	40.3	44.9	56.4	66.8	85.2	99.0	112.8	165.7	265.9	399.4	451.2
97.5°	59.9	66.8	79.4	94.4	115.1	130.6	146.2	214.1	353.4	568.6	735.5
100°	88.6	92.1	102.4	120.9	143.9	160.0	176.1	237.1	377.5	626.2	909.3
102.5°	115.1	117.4	127.8	146.2	170.3	186.4	202.6	257.8	378.7	604.3	915.1
105°	140.4	145.0	153.1	170.3	195.7	211.8	227.9	282.0	384.4	574.4	852.9
107.5°	168.0	171.5	179.6	195.7	221.0	237.1	253.2	306.2	397.1	558.2	795.3
110°	195.7	200.3	207.2	222.1	246.3	263.0	279.7	330.3	413.2	553.6	756.2

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	221.0	225.6	233.7	247.5	270.5	287.8	305.0	353.4	430.5	554.8	730.9
115°	247.5	253.2	260.1	273.9	297.0	312.5	328.0	377.5	447.7	559.4	713.6
117.5°	275.1	279.7	286.6	299.3	321.1	337.2	353.4	399.4	466.2	566.3	704.4
120°	300.4	305.0	311.9	322.3	345.3	361.4	377.5	422.4	484.6	573.2	696.4
122.5°	324.6	328.0	334.9	346.5	369.5	386.2	402.9	444.3	500.7	581.3	691.8
125°	345.3	348.8	355.7	369.5	392.5	408.6	424.7	466.2	518.0	589.3	686.0
127.5°	362.6	367.2	376.4	391.3	413.2	429.9	446.6	486.9	534.1	597.4	682.6
130°	377.5	382.1	393.6	409.8	432.8	448.9	465.0	505.3	549.0	606.6	680.2
132.5°	391.3	397.1	409.8	427.0	451.2	467.3	483.4	521.4	564.0	615.8	679.1
135°	405.2	409.8	423.6	440.8	467.3	483.4	499.5	536.4	576.7	622.7	677.9
137.5°	417.8	423.6	437.4	455.8	482.3	497.2	512.2	549.0	587.0	629.6	677.9
140°	432.8	437.4	451.2	469.6	494.9	509.9	524.9	559.4	595.1	634.2	676.8
142.5°	447.7	451.2	463.9	482.3	506.4	520.2	534.1	567.4	602.0	637.7	676.8
145°	462.7	467.3	478.8	496.1	519.1	531.8	544.4	575.5	607.7	640.0	674.5
147.5°	478.8	482.3	493.8	509.9	529.5	541.0	552.5	582.4	611.2	641.1	671.0
150°	494.9	498.4	507.6	522.6	539.8	550.2	560.5	587.0	613.5	640.0	667.6
152.5°	511.0	512.2	521.4	534.1	550.2	559.4	568.6	591.6	614.6	637.7	661.8
155°	526.0	527.2	534.1	546.7	559.4	568.0	576.7	596.2	615.8	635.4	654.9
157.5°	538.7	539.8	545.6	557.1	567.4	574.9	582.4	599.7	615.8	630.8	648.0
160°	551.3	552.5	557.1	566.3	575.5	581.8	588.2	602.0	615.8	627.3	641.1
162.5°	564.0	562.8	567.4	574.4	582.4	587.0	591.6	603.1	614.6	623.8	635.4
165°	573.2	572.1	574.4	581.3	587.0	590.4	593.9	604.3	612.3	619.2	627.3
167.5°	581.3	580.1	582.4	587.0	591.6	593.9	596.2	604.3	611.2	614.6	620.4
170°	589.3	587.0	588.2	591.6	593.9	595.6	597.4	603.1	608.9	611.2	614.6
172.5°	593.9	592.8	591.6	595.1	596.2	597.4	598.5	602.0	605.4	606.6	607.7
175°	597.4	596.2	595.1	597.4	597.4	598.0	598.5	600.8	603.1	602.0	603.1
177.5°	599.7	597.4	596.2	598.5	598.5	598.5	598.5	599.7	602.0	599.7	598.5
180°	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5

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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°	38.0	36.8	34.5	36.8	37.4	38.0	38.0	38.0	38.0	38.0	38.0
92.5°	148.5	116.3	99.0	86.3	81.7	77.1	76.0	71.4	72.5	70.2	72.5
95°	394.8	301.6	231.4	183.0	170.4	157.7	142.7	133.5	130.1	131.2	130.1
97.5°	741.3	616.9	492.6	376.4	341.8	307.3	262.4	239.4	226.7	219.8	226.7
100°	1075.0	1050.9	908.1	750.5	680.8	611.2	515.7	466.2	432.8	412.1	432.8
102.5°	1199.4	1335.2	1330.6	1225.8	1151.0	1076.2	970.3	877.1	833.3	803.4	833.3
105°	1159.1	1398.5	1528.5	1543.5	1524.5	1505.5	1434.2	1362.8	1313.3	1297.2	1313.3
107.5°	1073.9	1330.6	1523.9	1636.7	1659.8	1682.8	1681.6	1671.3	1656.3	1629.8	1656.3
110°	994.5	1237.3	1443.4	1590.7	1637.9	1685.1	1734.6	1756.4	1766.8	1765.7	1766.8

TEST NUMBER: P997786

CATALOG NUMBER: SA2XXDIP-B1005D1080UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	939.2	1152.2	1347.8	1507.8	1563.6	1619.5	1693.1	1733.4	1755.3	1763.4	1755.3
115°	895.5	1085.4	1262.7	1413.4	1472.7	1532.0	1613.7	1666.7	1696.6	1707.0	1696.6
117.5°	865.6	1030.2	1189.0	1329.4	1385.8	1442.2	1526.2	1582.6	1613.7	1621.8	1613.7
120°	842.5	991.0	1133.7	1255.8	1308.2	1360.5	1441.1	1495.2	1528.5	1540.1	1528.5
122.5°	823.0	959.9	1087.7	1201.7	1247.7	1293.7	1363.9	1416.9	1445.7	1454.9	1445.7
125°	804.6	930.0	1048.6	1149.9	1193.1	1236.2	1302.9	1346.7	1375.5	1384.7	1375.5
127.5°	787.3	900.1	1009.4	1106.1	1146.4	1186.7	1245.4	1286.8	1312.2	1319.1	1312.2
130°	770.0	871.3	970.3	1061.2	1099.2	1137.2	1193.6	1232.7	1255.8	1265.0	1255.8
132.5°	756.2	843.7	933.5	1015.2	1050.3	1085.4	1140.7	1179.8	1200.5	1208.6	1200.5
135°	743.6	818.4	894.3	970.3	1002.6	1034.8	1084.3	1122.2	1143.0	1147.6	1143.0
137.5°	734.3	797.7	863.3	925.4	954.2	983.0	1030.2	1063.5	1082.0	1088.9	1082.0
140°	726.3	778.1	833.3	886.3	911.6	936.9	973.8	1003.7	1020.9	1027.9	1020.9
142.5°	718.2	762.0	806.9	850.6	870.8	890.9	925.4	951.9	966.9	966.9	966.9
145°	711.3	747.0	785.0	820.7	837.4	854.1	881.7	901.2	912.8	916.2	912.8
147.5°	704.4	735.5	766.6	795.3	808.0	820.7	844.8	861.0	869.0	871.3	869.0
150°	695.2	722.8	748.2	772.3	782.6	793.0	810.3	824.1	831.0	832.2	831.0
152.5°	687.2	710.2	733.2	752.8	761.4	770.0	782.7	794.2	798.8	798.8	798.8
155°	676.8	698.7	717.1	734.3	740.6	747.0	759.7	767.7	772.3	770.0	772.3
157.5°	667.6	684.9	701.0	715.9	721.1	726.3	735.5	742.4	744.7	744.7	744.7
160°	657.2	672.2	684.9	697.5	701.6	705.6	713.6	719.4	720.5	720.5	720.5
162.5°	648.0	659.5	669.9	680.2	683.1	686.0	694.1	697.5	698.7	697.5	698.7
165°	637.7	646.9	654.9	663.0	665.3	667.6	672.2	676.8	676.8	675.6	676.8
167.5°	627.3	634.2	641.1	646.9	649.2	651.5	653.8	656.1	656.1	654.9	656.1
170°	619.2	625.0	628.5	633.1	634.2	635.4	636.5	640.0	638.8	636.5	638.8
172.5°	611.2	614.6	616.9	620.4	621.0	621.5	622.7	623.8	622.7	621.5	622.7
175°	604.3	607.7	608.9	610.0	610.6	611.2	611.2	612.3	611.2	608.9	611.2
177.5°	599.7	602.0	602.0	603.1	603.1	603.1	603.1	603.1	602.0	599.7	602.0
180°	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5

TEST NUMBER: P997786

CATALOG NUMBER: SA2XXDIP-B1005D1080UB27-4F0-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°	38.0	38.0	38.0	37.4	36.8	34.5	36.8	38.0	39.1	38.0	31.1
92.5°	71.4	76.0	77.1	81.7	86.3	99.0	116.3	148.5	177.3	175.0	135.8
95°	133.5	142.7	157.7	170.4	183.0	231.4	301.6	394.8	451.2	399.4	265.9
97.5°	239.4	262.4	307.3	341.8	376.4	492.6	616.9	741.3	735.5	568.6	353.4
100°	466.2	515.7	611.2	680.8	750.5	908.1	1050.9	1075.0	909.3	626.2	377.5
102.5°	877.1	970.3	1076.2	1151.0	1225.8	1330.6	1335.2	1199.4	915.1	604.3	378.7
105°	1362.8	1434.2	1505.5	1524.5	1543.5	1528.5	1398.5	1159.1	852.9	574.4	384.4
107.5°	1671.3	1681.6	1682.8	1659.8	1636.7	1523.9	1330.6	1073.9	795.3	558.2	397.1
110°	1756.4	1734.6	1685.1	1637.9	1590.7	1443.4	1237.3	994.5	756.2	553.6	413.2

TEST NUMBER: P997786

CATALOG NUMBER: SA2XXDIP-B1005D1080UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	1733.4	1693.1	1619.5	1563.6	1507.8	1347.8	1152.2	939.2	730.9	554.8	430.5
115°	1666.7	1613.7	1532.0	1472.7	1413.4	1262.7	1085.4	895.5	713.6	559.4	447.7
117.5°	1582.6	1526.2	1442.2	1385.8	1329.4	1189.0	1030.2	865.6	704.4	566.3	466.2
120°	1495.2	1441.1	1360.5	1308.2	1255.8	1133.7	991.0	842.5	696.4	573.2	484.6
122.5°	1416.9	1363.9	1293.7	1247.7	1201.7	1087.7	959.9	823.0	691.8	581.3	500.7
125°	1346.7	1302.9	1236.2	1193.1	1149.9	1048.6	930.0	804.6	686.0	589.3	518.0
127.5°	1286.8	1245.4	1186.7	1146.4	1106.1	1009.4	900.1	787.3	682.6	597.4	534.1
130°	1232.7	1193.6	1137.2	1099.2	1061.2	970.3	871.3	770.0	680.2	606.6	549.0
132.5°	1179.8	1140.7	1085.4	1050.3	1015.2	933.5	843.7	756.2	679.1	615.8	564.0
135°	1122.2	1084.3	1034.8	1002.6	970.3	894.3	818.4	743.6	677.9	622.7	576.7
137.5°	1063.5	1030.2	983.0	954.2	925.4	863.3	797.7	734.3	677.9	629.6	587.0
140°	1003.7	973.8	936.9	911.6	886.3	833.3	778.1	726.3	676.8	634.2	595.1
142.5°	951.9	925.4	890.9	870.8	850.6	806.9	762.0	718.2	676.8	637.7	602.0
145°	901.2	881.7	854.1	837.4	820.7	785.0	747.0	711.3	674.5	640.0	607.7
147.5°	861.0	844.8	820.7	808.0	795.3	766.6	735.5	704.4	671.0	641.1	611.2
150°	824.1	810.3	793.0	782.6	772.3	748.2	722.8	695.2	667.6	640.0	613.5
152.5°	794.2	782.7	770.0	761.4	752.8	733.2	710.2	687.2	661.8	637.7	614.6
155°	767.7	759.7	747.0	740.6	734.3	717.1	698.7	676.8	654.9	635.4	615.8
157.5°	742.4	735.5	726.3	721.1	715.9	701.0	684.9	667.6	648.0	630.8	615.8
160°	719.4	713.6	705.6	701.6	697.5	684.9	672.2	657.2	641.1	627.3	615.8
162.5°	697.5	694.1	686.0	683.1	680.2	669.9	659.5	648.0	635.4	623.8	614.6
165°	676.8	672.2	667.6	665.3	663.0	654.9	646.9	637.7	627.3	619.2	612.3
167.5°	656.1	653.8	651.5	649.2	646.9	641.1	634.2	627.3	620.4	614.6	611.2
170°	640.0	636.5	635.4	634.2	633.1	628.5	625.0	619.2	614.6	611.2	608.9
172.5°	623.8	622.7	621.5	621.0	620.4	616.9	614.6	611.2	607.7	606.6	605.4
175°	612.3	611.2	611.2	610.6	610.0	608.9	607.7	604.3	603.1	602.0	603.1
177.5°	603.1	603.1	603.1	603.1	603.1	602.0	602.0	599.7	598.5	599.7	602.0
180°	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5

TEST NUMBER: P997786

CATALOG NUMBER: SA2XXDIP-B1005D1080UB27-4F0-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°	23.0	17.3	15.6	13.8	11.5	9.2	4.6	1.2	4.6	9.2	11.5
92.5°	92.1	61.0	54.6	48.3	39.1	33.4	24.2	17.3	24.2	33.4	39.1
95°	165.7	112.8	99.0	85.2	66.8	56.4	44.9	40.3	44.9	56.4	66.8
97.5°	214.1	146.2	130.6	115.1	94.4	79.4	66.8	59.9	66.8	79.4	94.4
100°	237.1	176.1	160.0	143.9	120.9	102.4	92.1	88.6	92.1	102.4	120.9
102.5°	257.8	202.6	186.4	170.3	146.2	127.8	117.4	115.1	117.4	127.8	146.2
105°	282.0	227.9	211.8	195.7	170.3	153.1	145.0	140.4	145.0	153.1	170.3
107.5°	306.2	253.2	237.1	221.0	195.7	179.6	171.5	168.0	171.5	179.6	195.7
110°	330.3	279.7	263.0	246.3	222.1	207.2	200.3	195.7	200.3	207.2	222.1

TEST NUMBER: P997786

CATALOG NUMBER: SA2XXDIP-B1005D1080UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	353.4	305.0	287.8	270.5	247.5	233.7	225.6	221.0	225.6	233.7	247.5
115°	377.5	328.0	312.5	297.0	273.9	260.1	253.2	247.5	253.2	260.1	273.9
117.5°	399.4	353.4	337.2	321.1	299.3	286.6	279.7	275.1	279.7	286.6	299.3
120°	422.4	377.5	361.4	345.3	322.3	311.9	305.0	300.4	305.0	311.9	322.3
122.5°	444.3	402.9	386.2	369.5	346.5	334.9	328.0	324.6	328.0	334.9	346.5
125°	466.2	424.7	408.6	392.5	369.5	355.7	348.8	345.3	348.8	355.7	369.5
127.5°	486.9	446.6	429.9	413.2	391.3	376.4	367.2	362.6	367.2	376.4	391.3
130°	505.3	465.0	448.9	432.8	409.8	393.6	382.1	377.5	382.1	393.6	409.8
132.5°	521.4	483.4	467.3	451.2	427.0	409.8	397.1	391.3	397.1	409.8	427.0
135°	536.4	499.5	483.4	467.3	440.8	423.6	409.8	405.2	409.8	423.6	440.8
137.5°	549.0	512.2	497.2	482.3	455.8	437.4	423.6	417.8	423.6	437.4	455.8
140°	559.4	524.9	509.9	494.9	469.6	451.2	437.4	432.8	437.4	451.2	469.6
142.5°	567.4	534.1	520.2	506.4	482.3	463.9	451.2	447.7	451.2	463.9	482.3
145°	575.5	544.4	531.8	519.1	496.1	478.8	467.3	462.7	467.3	478.8	496.1
147.5°	582.4	552.5	541.0	529.5	509.9	493.8	482.3	478.8	482.3	493.8	509.9
150°	587.0	560.5	550.2	539.8	522.6	507.6	498.4	494.9	498.4	507.6	522.6
152.5°	591.6	568.6	559.4	550.2	534.1	521.4	512.2	511.0	512.2	521.4	534.1
155°	596.2	576.7	568.0	559.4	546.7	534.1	527.2	526.0	527.2	534.1	546.7
157.5°	599.7	582.4	574.9	567.4	557.1	545.6	539.8	538.7	539.8	545.6	557.1
160°	602.0	588.2	581.8	575.5	566.3	557.1	552.5	551.3	552.5	557.1	566.3
162.5°	603.1	591.6	587.0	582.4	574.4	567.4	562.8	564.0	562.8	567.4	574.4
165°	604.3	593.9	590.4	587.0	581.3	574.4	572.1	573.2	572.1	574.4	581.3
167.5°	604.3	596.2	593.9	591.6	587.0	582.4	580.1	581.3	580.1	582.4	587.0
170°	603.1	597.4	595.6	593.9	591.6	588.2	587.0	589.3	587.0	588.2	591.6
172.5°	602.0	598.5	597.4	596.2	595.1	591.6	592.8	593.9	592.8	591.6	595.1
175°	600.8	598.5	598.0	597.4	597.4	595.1	596.2	597.4	596.2	595.1	597.4
177.5°	599.7	598.5	598.5	598.5	598.5	596.2	597.4	599.7	597.4	596.2	598.5
180°	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5

TEST NUMBER: P997786

CATALOG NUMBER: SA2XXDIP-B1005D1080UB27-4F0-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°	13.8	15.6	17.3	23.0	31.1	38.0	39.1	38.0	36.8	34.5	36.8
92.5°	48.3	54.6	61.0	92.1	135.8	175.0	177.3	148.5	116.3	99.0	86.3
95°	85.2	99.0	112.8	165.7	265.9	399.4	451.2	394.8	301.6	231.4	183.0
97.5°	115.1	130.6	146.2	214.1	353.4	568.6	735.5	741.3	616.9	492.6	376.4
100°	143.9	160.0	176.1	237.1	377.5	626.2	909.3	1075.0	1050.9	908.1	750.5
102.5°	170.3	186.4	202.6	257.8	378.7	604.3	915.1	1199.4	1335.2	1330.6	1225.8
105°	195.7	211.8	227.9	282.0	384.4	574.4	852.9	1159.1	1398.5	1528.5	1543.5
107.5°	221.0	237.1	253.2	306.2	397.1	558.2	795.3	1073.9	1330.6	1523.9	1636.7
110°	246.3	263.0	279.7	330.3	413.2	553.6	756.2	994.5	1237.3	1443.4	1590.7

TEST NUMBER: P997786

CATALOG NUMBER: SA2XXDIP-B1005D1080UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	270.5	287.8	305.0	353.4	430.5	554.8	730.9	939.2	1152.2	1347.8	1507.8
115°	297.0	312.5	328.0	377.5	447.7	559.4	713.6	895.5	1085.4	1262.7	1413.4
117.5°	321.1	337.2	353.4	399.4	466.2	566.3	704.4	865.6	1030.2	1189.0	1329.4
120°	345.3	361.4	377.5	422.4	484.6	573.2	696.4	842.5	991.0	1133.7	1255.8
122.5°	369.5	386.2	402.9	444.3	500.7	581.3	691.8	823.0	959.9	1087.7	1201.7
125°	392.5	408.6	424.7	466.2	518.0	589.3	686.0	804.6	930.0	1048.6	1149.9
127.5°	413.2	429.9	446.6	486.9	534.1	597.4	682.6	787.3	900.1	1009.4	1106.1
130°	432.8	448.9	465.0	505.3	549.0	606.6	680.2	770.0	871.3	970.3	1061.2
132.5°	451.2	467.3	483.4	521.4	564.0	615.8	679.1	756.2	843.7	933.5	1015.2
135°	467.3	483.4	499.5	536.4	576.7	622.7	677.9	743.6	818.4	894.3	970.3
137.5°	482.3	497.2	512.2	549.0	587.0	629.6	677.9	734.3	797.7	863.3	925.4
140°	494.9	509.9	524.9	559.4	595.1	634.2	676.8	726.3	778.1	833.3	886.3
142.5°	506.4	520.2	534.1	567.4	602.0	637.7	676.8	718.2	762.0	806.9	850.6
145°	519.1	531.8	544.4	575.5	607.7	640.0	674.5	711.3	747.0	785.0	820.7
147.5°	529.5	541.0	552.5	582.4	611.2	641.1	671.0	704.4	735.5	766.6	795.3
150°	539.8	550.2	560.5	587.0	613.5	640.0	667.6	695.2	722.8	748.2	772.3
152.5°	550.2	559.4	568.6	591.6	614.6	637.7	661.8	687.2	710.2	733.2	752.8
155°	559.4	568.0	576.7	596.2	615.8	635.4	654.9	676.8	698.7	717.1	734.3
157.5°	567.4	574.9	582.4	599.7	615.8	630.8	648.0	667.6	684.9	701.0	715.9
160°	575.5	581.8	588.2	602.0	615.8	627.3	641.1	657.2	672.2	684.9	697.5
162.5°	582.4	587.0	591.6	603.1	614.6	623.8	635.4	648.0	659.5	669.9	680.2
165°	587.0	590.4	593.9	604.3	612.3	619.2	627.3	637.7	646.9	654.9	663.0
167.5°	591.6	593.9	596.2	604.3	611.2	614.6	620.4	627.3	634.2	641.1	646.9
170°	593.9	595.6	597.4	603.1	608.9	611.2	614.6	619.2	625.0	628.5	633.1
172.5°	596.2	597.4	598.5	602.0	605.4	606.6	607.7	611.2	614.6	616.9	620.4
175°	597.4	598.0	598.5	600.8	603.1	602.0	603.1	604.3	607.7	608.9	610.0
177.5°	598.5	598.5	598.5	599.7	602.0	599.7	598.5	599.7	602.0	602.0	603.1
180°	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5

TEST NUMBER: P997786

CATALOG NUMBER: SA2XXDIP-B1005D1080UB27-4F0-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°	37.4	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	37.4
92.5°	81.7	77.1	76.0	71.4	72.5	70.2	72.5	71.4	76.0	77.1	81.7
95°	170.4	157.7	142.7	133.5	130.1	131.2	130.1	133.5	142.7	157.7	170.4
97.5°	341.8	307.3	262.4	239.4	226.7	219.8	226.7	239.4	262.4	307.3	341.8
100°	680.8	611.2	515.7	466.2	432.8	412.1	432.8	466.2	515.7	611.2	680.8
102.5°	1151.0	1076.2	970.3	877.1	833.3	803.4	833.3	877.1	970.3	1076.2	1151.0
105°	1524.5	1505.5	1434.2	1362.8	1313.3	1297.2	1313.3	1362.8	1434.2	1505.5	1524.5
107.5°	1659.8	1682.8	1681.6	1671.3	1656.3	1629.8	1656.3	1671.3	1681.6	1682.8	1659.8
110°	1637.9	1685.1	1734.6	1756.4	1766.8	1765.7	1766.8	1756.4	1734.6	1685.1	1637.9

TEST NUMBER: P997786

CATALOG NUMBER: SA2XXDIP-B1005D1080UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	1563.6	1619.5	1693.1	1733.4	1755.3	1763.4	1755.3	1733.4	1693.1	1619.5	1563.6
115°	1472.7	1532.0	1613.7	1666.7	1696.6	1707.0	1696.6	1666.7	1613.7	1532.0	1472.7
117.5°	1385.8	1442.2	1526.2	1582.6	1613.7	1621.8	1613.7	1582.6	1526.2	1442.2	1385.8
120°	1308.2	1360.5	1441.1	1495.2	1528.5	1540.1	1528.5	1495.2	1441.1	1360.5	1308.2
122.5°	1247.7	1293.7	1363.9	1416.9	1445.7	1454.9	1445.7	1416.9	1363.9	1293.7	1247.7
125°	1193.1	1236.2	1302.9	1346.7	1375.5	1384.7	1375.5	1346.7	1302.9	1236.2	1193.1
127.5°	1146.4	1186.7	1245.4	1286.8	1312.2	1319.1	1312.2	1286.8	1245.4	1186.7	1146.4
130°	1099.2	1137.2	1193.6	1232.7	1255.8	1265.0	1255.8	1232.7	1193.6	1137.2	1099.2
132.5°	1050.3	1085.4	1140.7	1179.8	1200.5	1208.6	1200.5	1179.8	1140.7	1085.4	1050.3
135°	1002.6	1034.8	1084.3	1122.2	1143.0	1147.6	1143.0	1122.2	1084.3	1034.8	1002.6
137.5°	954.2	983.0	1030.2	1063.5	1082.0	1088.9	1082.0	1063.5	1030.2	983.0	954.2
140°	911.6	936.9	973.8	1003.7	1020.9	1027.9	1020.9	1003.7	973.8	936.9	911.6
142.5°	870.8	890.9	925.4	951.9	966.9	966.9	966.9	951.9	925.4	890.9	870.8
145°	837.4	854.1	881.7	901.2	912.8	916.2	912.8	901.2	881.7	854.1	837.4
147.5°	808.0	820.7	844.8	861.0	869.0	871.3	869.0	861.0	844.8	820.7	808.0
150°	782.6	793.0	810.3	824.1	831.0	832.2	831.0	824.1	810.3	793.0	782.6
152.5°	761.4	770.0	782.7	794.2	798.8	798.8	798.8	794.2	782.7	770.0	761.4
155°	740.6	747.0	759.7	767.7	772.3	770.0	772.3	767.7	759.7	747.0	740.6
157.5°	721.1	726.3	735.5	742.4	744.7	744.7	744.7	742.4	735.5	726.3	721.1
160°	701.6	705.6	713.6	719.4	720.5	720.5	720.5	719.4	713.6	705.6	701.6
162.5°	683.1	686.0	694.1	697.5	698.7	697.5	698.7	697.5	694.1	686.0	683.1
165°	665.3	667.6	672.2	676.8	676.8	675.6	676.8	676.8	672.2	667.6	665.3
167.5°	649.2	651.5	653.8	656.1	656.1	654.9	656.1	656.1	653.8	651.5	649.2
170°	634.2	635.4	636.5	640.0	638.8	636.5	638.8	640.0	636.5	635.4	634.2
172.5°	621.0	621.5	622.7	623.8	622.7	621.5	622.7	623.8	622.7	621.5	621.0
175°	610.6	611.2	611.2	612.3	611.2	608.9	611.2	612.3	611.2	611.2	610.6
177.5°	603.1	603.1	603.1	603.1	602.0	599.7	602.0	603.1	603.1	603.1	603.1
180°	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5

TEST NUMBER: P997786

CATALOG NUMBER: SA2XXDIP-B1005D1080UB27-4F0-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°	36.8	34.5	36.8	38.0	39.1	38.0	31.1	23.0	17.3	15.6	13.8
92.5°	86.3	99.0	116.3	148.5	177.3	175.0	135.8	92.1	61.0	54.6	48.3
95°	183.0	231.4	301.6	394.8	451.2	399.4	265.9	165.7	112.8	99.0	85.2
97.5°	376.4	492.6	616.9	741.3	735.5	568.6	353.4	214.1	146.2	130.6	115.1
100°	750.5	908.1	1050.9	1075.0	909.3	626.2	377.5	237.1	176.1	160.0	143.9
102.5°	1225.8	1330.6	1335.2	1199.4	915.1	604.3	378.7	257.8	202.6	186.4	170.3
105°	1543.5	1528.5	1398.5	1159.1	852.9	574.4	384.4	282.0	227.9	211.8	195.7
107.5°	1636.7	1523.9	1330.6	1073.9	795.3	558.2	397.1	306.2	253.2	237.1	221.0
110°	1590.7	1443.4	1237.3	994.5	756.2	553.6	413.2	330.3	279.7	263.0	246.3

TEST NUMBER: P997786

CATALOG NUMBER: SA2XXDIP-B1005D1080UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	1507.8	1347.8	1152.2	939.2	730.9	554.8	430.5	353.4	305.0	287.8	270.5
115°	1413.4	1262.7	1085.4	895.5	713.6	559.4	447.7	377.5	328.0	312.5	297.0
117.5°	1329.4	1189.0	1030.2	865.6	704.4	566.3	466.2	399.4	353.4	337.2	321.1
120°	1255.8	1133.7	991.0	842.5	696.4	573.2	484.6	422.4	377.5	361.4	345.3
122.5°	1201.7	1087.7	959.9	823.0	691.8	581.3	500.7	444.3	402.9	386.2	369.5
125°	1149.9	1048.6	930.0	804.6	686.0	589.3	518.0	466.2	424.7	408.6	392.5
127.5°	1106.1	1009.4	900.1	787.3	682.6	597.4	534.1	486.9	446.6	429.9	413.2
130°	1061.2	970.3	871.3	770.0	680.2	606.6	549.0	505.3	465.0	448.9	432.8
132.5°	1015.2	933.5	843.7	756.2	679.1	615.8	564.0	521.4	483.4	467.3	451.2
135°	970.3	894.3	818.4	743.6	677.9	622.7	576.7	536.4	499.5	483.4	467.3
137.5°	925.4	863.3	797.7	734.3	677.9	629.6	587.0	549.0	512.2	497.2	482.3
140°	886.3	833.3	778.1	726.3	676.8	634.2	595.1	559.4	524.9	509.9	494.9
142.5°	850.6	806.9	762.0	718.2	676.8	637.7	602.0	567.4	534.1	520.2	506.4
145°	820.7	785.0	747.0	711.3	674.5	640.0	607.7	575.5	544.4	531.8	519.1
147.5°	795.3	766.6	735.5	704.4	671.0	641.1	611.2	582.4	552.5	541.0	529.5
150°	772.3	748.2	722.8	695.2	667.6	640.0	613.5	587.0	560.5	550.2	539.8
152.5°	752.8	733.2	710.2	687.2	661.8	637.7	614.6	591.6	568.6	559.4	550.2
155°	734.3	717.1	698.7	676.8	654.9	635.4	615.8	596.2	576.7	568.0	559.4
157.5°	715.9	701.0	684.9	667.6	648.0	630.8	615.8	599.7	582.4	574.9	567.4
160°	697.5	684.9	672.2	657.2	641.1	627.3	615.8	602.0	588.2	581.8	575.5
162.5°	680.2	669.9	659.5	648.0	635.4	623.8	614.6	603.1	591.6	587.0	582.4
165°	663.0	654.9	646.9	637.7	627.3	619.2	612.3	604.3	593.9	590.4	587.0
167.5°	646.9	641.1	634.2	627.3	620.4	614.6	611.2	604.3	596.2	593.9	591.6
170°	633.1	628.5	625.0	619.2	614.6	611.2	608.9	603.1	597.4	595.6	593.9
172.5°	620.4	616.9	614.6	611.2	607.7	606.6	605.4	602.0	598.5	597.4	596.2
175°	610.0	608.9	607.7	604.3	603.1	602.0	603.1	600.8	598.5	598.0	597.4
177.5°	603.1	602.0	602.0	599.7	598.5	599.7	602.0	599.7	598.5	598.5	598.5
180°	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5

TEST NUMBER: P997786

CATALOG NUMBER: SA2XXDIP-B1005D1080UB27-4F0-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°	11.5	9.2	4.6	1.2
92.5°	39.1	33.4	24.2	17.3
95°	66.8	56.4	44.9	40.3
97.5°	94.4	79.4	66.8	59.9
100°	120.9	102.4	92.1	88.6
102.5°	146.2	127.8	117.4	115.1
105°	170.3	153.1	145.0	140.4
107.5°	195.7	179.6	171.5	168.0
110°	222.1	207.2	200.3	195.7

TEST NUMBER: P997786

CATALOG NUMBER: SA2XXDIP-B1005D1080UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	247.5	233.7	225.6	221.0
115°	273.9	260.1	253.2	247.5
117.5°	299.3	286.6	279.7	275.1
120°	322.3	311.9	305.0	300.4
122.5°	346.5	334.9	328.0	324.6
125°	369.5	355.7	348.8	345.3
127.5°	391.3	376.4	367.2	362.6
130°	409.8	393.6	382.1	377.5
132.5°	427.0	409.8	397.1	391.3
135°	440.8	423.6	409.8	405.2
137.5°	455.8	437.4	423.6	417.8
140°	469.6	451.2	437.4	432.8
142.5°	482.3	463.9	451.2	447.7
145°	496.1	478.8	467.3	462.7
147.5°	509.9	493.8	482.3	478.8
150°	522.6	507.6	498.4	494.9
152.5°	534.1	521.4	512.2	511.0
155°	546.7	534.1	527.2	526.0
157.5°	557.1	545.6	539.8	538.7
160°	566.3	557.1	552.5	551.3
162.5°	574.4	567.4	562.8	564.0
165°	581.3	574.4	572.1	573.2
167.5°	587.0	582.4	580.1	581.3
170°	591.6	588.2	587.0	589.3
172.5°	595.1	591.6	592.8	593.9
175°	597.4	595.1	596.2	597.4
177.5°	598.5	596.2	597.4	599.7
180°	598.5	598.5	598.5	598.5

TEST NUMBER: P997786

CATALOG NUMBER: SA2XXDIP-B1005D1080UB27-4F0-XX-W2A-A4

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	17.93	18.76	18.88	19.73	20.99	15.42	16.26	16.37	17.22	18.48
	3H	18.74	19.49	19.70	20.46	21.74	16.76	17.51	17.73	18.49	19.77
	4H	18.90	19.61	19.88	20.59	21.88	17.22	17.93	18.20	18.91	20.20
	6H	18.95	19.60	19.94	20.58	21.88	17.53	18.18	18.52	19.17	20.47
	8H	18.93	19.55	19.92	20.55	21.84	17.61	18.23	18.61	19.23	20.53
	12H	18.89	19.48	19.89	20.47	21.79	17.65	18.24	18.66	19.24	20.56
4H	2H	17.97	18.67	18.95	19.65	20.94	15.86	16.57	16.85	17.55	18.84
	3H	18.94	19.53	19.94	20.54	21.84	17.32	17.91	18.32	18.92	20.22
	4H	19.22	19.76	20.22	20.76	22.08	17.86	18.39	18.86	19.39	20.72
	6H	19.35	19.81	20.36	20.83	22.16	18.23	18.70	19.25	19.72	21.04
	8H	19.35	19.78	20.36	20.80	22.13	18.34	18.78	19.36	19.79	21.13
	12H	19.31	19.70	20.34	20.73	22.07	18.40	18.79	19.43	19.82	21.16
8H	4H	19.23	19.66	20.24	20.68	22.01	18.00	18.43	19.01	19.44	20.78
	6H	19.41	19.76	20.44	20.82	22.16	18.43	18.79	19.47	19.84	21.18
	8H	19.44	19.75	20.48	20.79	22.15	18.58	18.89	19.63	19.94	21.29
	12H	19.42	19.69	20.47	20.73	22.13	18.67	18.95	19.72	19.99	21.38
12H	4H	19.18	19.57	20.22	20.60	21.95	17.97	18.36	19.00	19.39	20.73
	6H	19.38	19.70	20.43	20.74	22.10	18.43	18.74	19.48	19.79	21.14
	8H	19.42	19.69	20.46	20.73	22.13	18.59	18.86	19.64	19.90	21.30