

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: P998022

Luminaire Tested: SA2XXDIP-B1005D925UB27-4F0-XX-W2A-A1

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P998022
REPORT IS A COMBINATION OF REPORTS P983759 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXDIP-B1005D925UB27-4F0-XX-W2A-A1
Description: Define 2 Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

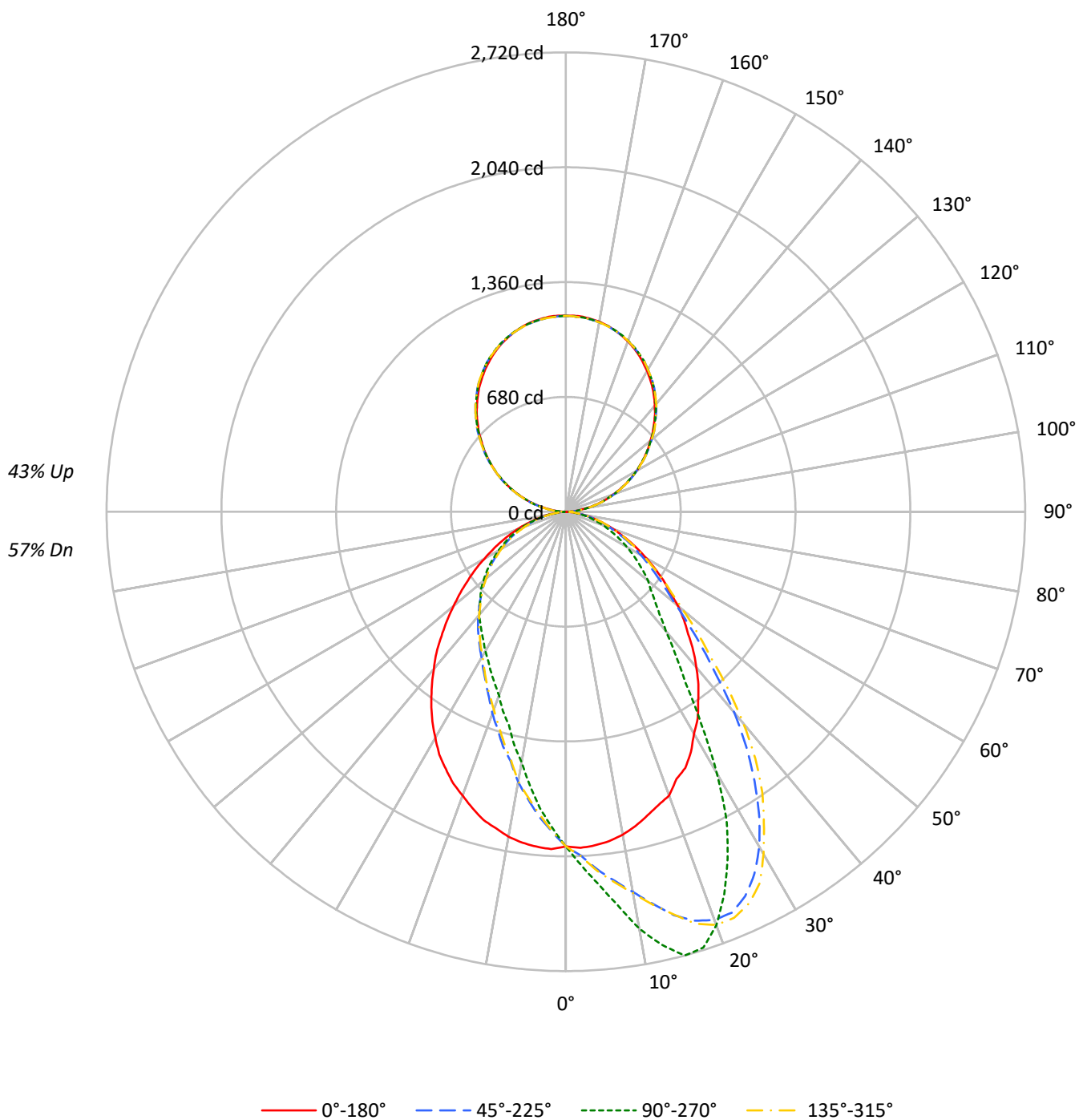
Lumens per Lamp: N/A
Luminaire Lumens: 7619.0 lumens
Efficiency: N/A
Efficacy: 84.8 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 89.8
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	109	109	109	109	101	101	101	101	87	87	87	75	75	75	63	63	63
1	100	96	92	89	93	89	86	83	78	75	73	67	65	63	56	55	54
2	92	84	78	73	85	79	74	69	69	65	61	59	56	54	50	48	47
3	84	75	68	62	78	70	64	59	61	56	52	53	49	46	45	43	40
4	77	66	59	53	72	62	56	50	55	49	45	47	43	40	41	38	35
5	71	60	52	46	66	56	49	44	49	44	39	43	39	35	37	34	31
6	66	54	46	40	61	51	43	38	45	39	35	39	35	31	34	30	28
7	61	49	41	35	57	46	39	34	41	35	31	36	31	28	31	27	25
8	57	44	37	32	53	42	35	30	37	32	28	33	28	25	29	25	22
9	53	41	33	28	49	39	32	27	34	29	25	30	26	23	27	23	20
10	49	37	30	26	46	35	29	25	32	26	23	28	24	21	25	21	19

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	2.5
10°-20°	549.2	7.2
20°-30°	797.1	10.5
30°-40°	840.3	11.0
40°-50°	743.6	9.8
50°-60°	593.7	7.8
60°-70°	403.3	5.3
70°-80°	206.3	2.7
80°-90°	52.1	0.7
90°-100°	71.8	0.9
100°-110°	228.2	3.0
110°-120°	390.5	5.1
120°-130°	513.6	6.7
130°-140°	576.5	7.6
140°-150°	565.4	7.4
150°-160°	474.2	6.2
160°-170°	314.5	4.1
170°-180°	109.9	1.4
0°-30°	1535.0	20.1
0°-40°	2375.3	31.2
0°-60°	3712.6	48.7
0°-90°	4374.3	57.4
90°-120°	690.5	9.1
90°-150°	2346.0	30.8
90°-180°	3245.0	42.6
0°-180°	7619.0	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	33	1	33	1	6
95°	51	61	51	61	51	57
105°	211	217	211	217	211	222
115°	392	392	392	392	392	388
125°	570	572	570	572	570	509
135°	738	746	738	746	738	570
145°	895	905	895	905	895	559
155°	1023	1031	1023	1031	1023	471
165°	1114	1114	1114	1114	1114	314
175°	1159	1155	1159	1155	1159	110
180°	1161	1161	1161	1161	1161	

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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°	1.0	3.6	6.2	8.8	11.4	12.7	15.1	19.9	24.7	29.5	34.3
92.5°	21.5	23.3	25.0	26.8	28.5	29.4	29.5	29.7	30.0	30.2	30.4
95°	50.9	53.1	55.3	57.4	59.6	60.7	60.9	61.4	61.8	62.3	62.7
97.5°	85.2	87.2	89.1	91.1	93.0	94.0	94.4	95.3	96.2	97.0	97.9
100°	124.4	126.1	127.9	129.6	131.3	132.2	132.5	133.2	133.9	134.5	135.2
102.5°	165.5	166.8	168.1	169.4	170.7	171.4	171.8	172.7	173.6	174.4	175.3
105°	210.6	211.2	211.9	212.5	213.2	213.5	213.7	214.2	214.6	215.1	215.5
107.5°	255.6	256.5	257.3	258.2	259.1	259.5	259.5	259.5	259.5	259.5	259.5
110°	298.7	300.0	301.3	302.6	303.9	304.6	304.6	304.6	304.6	304.6	304.6

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	345.7	347.0	348.3	349.6	350.9	351.6	351.5	351.3	351.0	350.8	350.6
115°	391.7	393.0	394.3	395.6	396.9	397.6	397.4	397.0	396.5	396.1	395.7
117.5°	437.8	439.5	441.3	443.0	444.7	445.6	445.1	444.0	442.9	441.8	440.7
120°	483.8	485.5	487.3	489.0	490.7	491.6	490.7	489.0	487.3	485.5	483.8
122.5°	525.9	528.1	530.3	532.4	534.6	535.7	535.2	534.1	533.0	531.9	530.8
125°	570.0	572.0	573.9	575.9	577.8	578.8	578.5	577.8	577.2	576.5	575.9
127.5°	613.1	615.5	617.9	620.3	622.7	623.9	623.5	622.6	621.7	620.8	619.9
130°	653.2	656.0	658.9	661.7	664.6	666.0	665.8	665.3	664.9	664.4	664.0
132.5°	698.3	700.5	702.7	704.8	707.0	708.1	708.2	708.4	708.7	708.9	709.1
135°	737.5	739.9	742.3	744.6	747.0	748.2	748.4	748.9	749.3	749.8	750.2
137.5°	780.6	782.6	784.5	786.5	788.4	789.4	789.6	790.0	790.5	790.9	791.3
140°	818.8	820.8	822.7	824.7	826.6	827.6	828.1	829.2	830.3	831.4	832.5
142.5°	857.9	859.9	861.8	863.8	865.7	866.7	867.0	867.7	868.4	869.0	869.7
145°	895.1	896.6	898.2	899.7	901.2	902.0	902.7	904.0	905.3	906.6	907.9
147.5°	928.4	930.4	932.4	934.3	936.3	937.3	937.7	938.6	939.5	940.3	941.2
150°	962.7	964.0	965.3	966.6	967.9	968.6	969.0	969.9	970.8	971.6	972.5
152.5°	993.1	994.4	995.7	997.0	998.3	999.0	999.5	1000.6	1001.7	1002.8	1003.9
155°	1023.4	1024.1	1024.7	1025.4	1026.1	1026.4	1026.7	1027.4	1028.0	1028.7	1029.3
157.5°	1049.9	1050.3	1050.7	1051.2	1051.6	1051.8	1052.0	1052.5	1052.9	1053.4	1053.8
160°	1073.4	1073.8	1074.3	1074.7	1075.2	1075.4	1075.5	1075.7	1075.9	1076.1	1076.3
162.5°	1094.9	1094.9	1094.9	1094.9	1094.9	1094.9	1095.0	1095.2	1095.5	1095.7	1095.9
165°	1113.5	1113.3	1113.1	1112.9	1112.7	1112.6	1112.6	1112.6	1112.6	1112.6	1112.6
167.5°	1130.2	1129.6	1128.9	1128.3	1127.6	1127.3	1127.3	1127.3	1127.3	1127.3	1127.3
170°	1142.9	1142.3	1141.6	1141.0	1140.3	1140.0	1139.9	1139.7	1139.4	1139.2	1139.0
172.5°	1151.7	1151.1	1150.4	1149.8	1149.1	1148.8	1148.7	1148.5	1148.2	1148.0	1147.8
175°	1158.6	1158.0	1157.3	1156.7	1156.0	1155.7	1155.5	1155.0	1154.6	1154.1	1153.7
177.5°	1162.5	1161.9	1161.2	1160.6	1159.9	1159.6	1159.4	1158.9	1158.5	1158.0	1157.6
180°	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6

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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°	33.9	33.4	33.0	32.5	32.3	32.4	32.6	32.9	33.1	33.3	33.1
92.5°	30.6	30.8	31.0	31.2	31.3	31.3	31.3	31.3	31.3	31.3	31.3
95°	62.7	62.7	62.7	62.7	62.7	62.5	62.0	61.6	61.1	60.7	61.1
97.5°	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
100°	135.2	135.2	135.2	135.2	135.2	135.1	134.9	134.6	134.4	134.2	134.4
102.5°	175.5	175.7	176.0	176.2	176.3	176.2	176.0	175.7	175.5	175.3	175.5
105°	215.9	216.3	216.8	217.2	217.4	217.4	217.4	217.4	217.4	217.4	217.4
107.5°	259.7	259.9	260.2	260.4	260.5	260.0	258.9	257.8	256.7	255.6	256.7
110°	304.6	304.6	304.6	304.6	304.6	304.3	303.6	302.9	302.3	301.6	302.3

TEST NUMBER: P998022

CATALOG NUMBER: SA2XXDIP-B1005D925UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	350.0	349.3	348.7	348.0	347.7	347.5	347.0	346.6	346.1	345.7	346.1
115°	395.5	395.3	395.0	394.8	394.7	394.4	393.7	393.0	392.4	391.7	392.4
117.5°	440.1	439.4	438.8	438.1	437.8	437.5	436.8	436.1	435.5	434.8	435.5
120°	483.8	483.8	483.8	483.8	483.8	483.5	482.8	482.2	481.5	480.9	481.5
122.5°	530.2	529.5	528.9	528.2	527.9	527.7	527.2	526.8	526.3	525.9	526.3
125°	575.2	574.6	573.9	573.2	572.9	572.8	572.6	572.4	572.2	572.0	572.2
127.5°	619.0	618.2	617.3	616.4	616.0	615.7	615.0	614.4	613.7	613.1	613.7
130°	663.6	663.2	662.7	662.3	662.1	661.7	660.8	659.9	659.0	658.1	659.0
132.5°	708.0	706.9	705.8	704.7	704.2	703.9	703.2	702.5	701.9	701.2	701.9
135°	750.0	749.8	749.5	749.3	749.2	748.9	748.2	747.6	746.9	746.3	746.9
137.5°	791.1	790.9	790.7	790.5	790.4	790.0	789.1	788.2	787.3	786.4	787.3
140°	832.5	832.5	832.5	832.5	832.5	832.1	831.2	830.3	829.4	828.5	829.4
142.5°	869.9	870.1	870.4	870.6	870.7	870.3	869.4	868.5	867.6	866.7	867.6
145°	908.1	908.3	908.6	908.8	908.9	908.5	907.6	906.7	905.8	904.9	905.8
147.5°	941.6	942.0	942.5	942.9	943.1	942.7	941.8	940.9	940.1	939.2	940.1
150°	973.2	973.8	974.5	975.2	975.5	975.2	974.5	973.8	973.2	972.5	973.2
152.5°	1004.8	1005.6	1006.5	1007.4	1007.8	1007.4	1006.5	1005.6	1004.8	1003.9	1004.8
155°	1030.4	1031.5	1032.6	1033.7	1034.2	1033.9	1033.2	1032.6	1031.9	1031.3	1031.9
157.5°	1055.3	1056.9	1058.4	1059.9	1060.7	1060.2	1059.1	1058.0	1056.9	1055.8	1056.9
160°	1077.6	1078.9	1080.2	1081.5	1082.2	1081.8	1080.9	1080.0	1079.2	1078.3	1079.2
162.5°	1097.4	1099.0	1100.5	1102.0	1102.8	1102.3	1101.2	1100.1	1099.0	1097.9	1099.0
165°	1114.1	1115.6	1117.1	1118.6	1119.4	1118.9	1117.8	1116.7	1115.6	1114.5	1115.6
167.5°	1128.8	1130.3	1131.8	1133.3	1134.1	1133.6	1132.5	1131.4	1130.3	1129.2	1130.3
170°	1140.5	1142.1	1143.6	1145.1	1145.9	1145.2	1143.9	1142.6	1141.3	1140.0	1141.3
172.5°	1149.3	1150.9	1152.4	1153.9	1154.7	1154.0	1152.7	1151.4	1150.1	1148.8	1150.1
175°	1155.2	1156.8	1158.3	1159.8	1160.6	1159.9	1158.6	1157.3	1156.0	1154.7	1156.0
177.5°	1158.9	1160.2	1161.5	1162.8	1163.5	1162.8	1161.5	1160.2	1158.9	1157.6	1158.9
180°	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6

TEST NUMBER: P998022

CATALOG NUMBER: SA2XXDIP-B1005D925UB27-4F0-XX-W2A-A1

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°	32.9	32.6	32.4	32.3	32.5	33.0	33.4	33.9	34.3	29.5	24.7
92.5°	31.3	31.3	31.3	31.3	31.2	31.0	30.8	30.6	30.4	30.2	30.0
95°	61.6	62.0	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.3	61.8
97.5°	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.0	96.2
100°	134.6	134.9	135.1	135.2	135.2	135.2	135.2	135.2	135.2	134.5	133.9
102.5°	175.7	176.0	176.2	176.3	176.2	176.0	175.7	175.5	175.3	174.4	173.6
105°	217.4	217.4	217.4	217.4	217.2	216.8	216.3	215.9	215.5	215.1	214.6
107.5°	257.8	258.9	260.0	260.5	260.4	260.2	259.9	259.7	259.5	259.5	259.5
110°	302.9	303.6	304.3	304.6	304.6	304.6	304.6	304.6	304.6	304.6	304.6

TEST NUMBER: P998022

CATALOG NUMBER: SA2XXDIP-B1005D925UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	346.6	347.0	347.5	347.7	348.0	348.7	349.3	350.0	350.6	350.8	351.0
115°	393.0	393.7	394.4	394.7	394.8	395.0	395.3	395.5	395.7	396.1	396.5
117.5°	436.1	436.8	437.5	437.8	438.1	438.8	439.4	440.1	440.7	441.8	442.9
120°	482.2	482.8	483.5	483.8	483.8	483.8	483.8	483.8	483.8	485.5	487.3
122.5°	526.8	527.2	527.7	527.9	528.2	528.9	529.5	530.2	530.8	531.9	533.0
125°	572.4	572.6	572.8	572.9	573.2	573.9	574.6	575.2	575.9	576.5	577.2
127.5°	614.4	615.0	615.7	616.0	616.4	617.3	618.2	619.0	619.9	620.8	621.7
130°	659.9	660.8	661.7	662.1	662.3	662.7	663.2	663.6	664.0	664.4	664.9
132.5°	702.5	703.2	703.9	704.2	704.7	705.8	706.9	708.0	709.1	708.9	708.7
135°	747.6	748.2	748.9	749.2	749.3	749.5	749.8	750.0	750.2	749.8	749.3
137.5°	788.2	789.1	790.0	790.4	790.5	790.7	790.9	791.1	791.3	790.9	790.5
140°	830.3	831.2	832.1	832.5	832.5	832.5	832.5	832.5	832.5	831.4	830.3
142.5°	868.5	869.4	870.3	870.7	870.6	870.4	870.1	869.9	869.7	869.0	868.4
145°	906.7	907.6	908.5	908.9	908.8	908.6	908.3	908.1	907.9	906.6	905.3
147.5°	940.9	941.8	942.7	943.1	942.9	942.5	942.0	941.6	941.2	940.3	939.5
150°	973.8	974.5	975.2	975.5	975.2	974.5	973.8	973.2	972.5	971.6	970.8
152.5°	1005.6	1006.5	1007.4	1007.8	1007.4	1006.5	1005.6	1004.8	1003.9	1002.8	1001.7
155°	1032.6	1033.2	1033.9	1034.2	1033.7	1032.6	1031.5	1030.4	1029.3	1028.7	1028.0
157.5°	1058.0	1059.1	1060.2	1060.7	1059.9	1058.4	1056.9	1055.3	1053.8	1053.4	1052.9
160°	1080.0	1080.9	1081.8	1082.2	1081.5	1080.2	1078.9	1077.6	1076.3	1076.1	1075.9
162.5°	1100.1	1101.2	1102.3	1102.8	1102.0	1100.5	1099.0	1097.4	1095.9	1095.7	1095.5
165°	1116.7	1117.8	1118.9	1119.4	1118.6	1117.1	1115.6	1114.1	1112.6	1112.6	1112.6
167.5°	1131.4	1132.5	1133.6	1134.1	1133.3	1131.8	1130.3	1128.8	1127.3	1127.3	1127.3
170°	1142.6	1143.9	1145.2	1145.9	1145.1	1143.6	1142.1	1140.5	1139.0	1139.2	1139.4
172.5°	1151.4	1152.7	1154.0	1154.7	1153.9	1152.4	1150.9	1149.3	1147.8	1148.0	1148.2
175°	1157.3	1158.6	1159.9	1160.6	1159.8	1158.3	1156.8	1155.2	1153.7	1154.1	1154.6
177.5°	1160.2	1161.5	1162.8	1163.5	1162.8	1161.5	1160.2	1158.9	1157.6	1158.0	1158.5
180°	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6

TEST NUMBER: P998022

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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°	19.9	15.1	12.7	11.4	8.8	6.2	3.6	1.0	3.6	6.2	8.8
92.5°	29.7	29.5	29.4	28.5	26.8	25.0	23.3	21.5	23.3	25.0	26.8
95°	61.4	60.9	60.7	59.6	57.4	55.3	53.1	50.9	53.1	55.3	57.4
97.5°	95.3	94.4	94.0	93.0	91.1	89.1	87.2	85.2	87.2	89.1	91.1
100°	133.2	132.5	132.2	131.3	129.6	127.9	126.1	124.4	126.1	127.9	129.6
102.5°	172.7	171.8	171.4	170.7	169.4	168.1	166.8	165.5	166.8	168.1	169.4
105°	214.2	213.7	213.5	213.2	212.5	211.9	211.2	210.6	211.2	211.9	212.5
107.5°	259.5	259.5	259.5	259.1	258.2	257.3	256.5	255.6	256.5	257.3	258.2
110°	304.6	304.6	304.6	303.9	302.6	301.3	300.0	298.7	300.0	301.3	302.6

TEST NUMBER: P998022

CATALOG NUMBER: SA2XXDIP-B1005D925UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	351.3	351.5	351.6	350.9	349.6	348.3	347.0	345.7	347.0	348.3	349.6
115°	397.0	397.4	397.6	396.9	395.6	394.3	393.0	391.7	393.0	394.3	395.6
117.5°	444.0	445.1	445.6	444.7	443.0	441.3	439.5	437.8	439.5	441.3	443.0
120°	489.0	490.7	491.6	490.7	489.0	487.3	485.5	483.8	485.5	487.3	489.0
122.5°	534.1	535.2	535.7	534.6	532.4	530.3	528.1	525.9	528.1	530.3	532.4
125°	577.8	578.5	578.8	577.8	575.9	573.9	572.0	570.0	572.0	573.9	575.9
127.5°	622.6	623.5	623.9	622.7	620.3	617.9	615.5	613.1	615.5	617.9	620.3
130°	665.3	665.8	666.0	664.6	661.7	658.9	656.0	653.2	656.0	658.9	661.7
132.5°	708.4	708.2	708.1	707.0	704.8	702.7	700.5	698.3	700.5	702.7	704.8
135°	748.9	748.4	748.2	747.0	744.6	742.3	739.9	737.5	739.9	742.3	744.6
137.5°	790.0	789.6	789.4	788.4	786.5	784.5	782.6	780.6	782.6	784.5	786.5
140°	829.2	828.1	827.6	826.6	824.7	822.7	820.8	818.8	820.8	822.7	824.7
142.5°	867.7	867.0	866.7	865.7	863.8	861.8	859.9	857.9	859.9	861.8	863.8
145°	904.0	902.7	902.0	901.2	899.7	898.2	896.6	895.1	896.6	898.2	899.7
147.5°	938.6	937.7	937.3	936.3	934.3	932.4	930.4	928.4	930.4	932.4	934.3
150°	969.9	969.0	968.6	967.9	966.6	965.3	964.0	962.7	964.0	965.3	966.6
152.5°	1000.6	999.5	999.0	998.3	997.0	995.7	994.4	993.1	994.4	995.7	997.0
155°	1027.4	1026.7	1026.4	1026.1	1025.4	1024.7	1024.1	1023.4	1024.1	1024.7	1025.4
157.5°	1052.5	1052.0	1051.8	1051.6	1051.2	1050.7	1050.3	1049.9	1050.3	1050.7	1051.2
160°	1075.7	1075.5	1075.4	1075.2	1074.7	1074.3	1073.8	1073.4	1073.8	1074.3	1074.7
162.5°	1095.2	1095.0	1094.9	1094.9	1094.9	1094.9	1094.9	1094.9	1094.9	1094.9	1094.9
165°	1112.6	1112.6	1112.6	1112.7	1112.9	1113.1	1113.3	1113.5	1113.3	1113.1	1112.9
167.5°	1127.3	1127.3	1127.3	1127.6	1128.3	1128.9	1129.6	1130.2	1129.6	1128.9	1128.3
170°	1139.7	1139.9	1140.0	1140.3	1141.0	1141.6	1142.3	1142.9	1142.3	1141.6	1141.0
172.5°	1148.5	1148.7	1148.8	1149.1	1149.8	1150.4	1151.1	1151.7	1151.1	1150.4	1149.8
175°	1155.0	1155.5	1155.7	1156.0	1156.7	1157.3	1158.0	1158.6	1158.0	1157.3	1156.7
177.5°	1158.9	1159.4	1159.6	1159.9	1160.6	1161.2	1161.9	1162.5	1161.9	1161.2	1160.6
180°	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6

TEST NUMBER: P998022

CATALOG NUMBER: SA2XXDIP-B1005D925UB27-4F0-XX-W2A-A1

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°	11.4	12.7	15.1	19.9	24.7	29.5	34.3	33.9	33.4	33.0	32.5
92.5°	28.5	29.4	29.5	29.7	30.0	30.2	30.4	30.6	30.8	31.0	31.2
95°	59.6	60.7	60.9	61.4	61.8	62.3	62.7	62.7	62.7	62.7	62.7
97.5°	93.0	94.0	94.4	95.3	96.2	97.0	97.9	97.9	97.9	97.9	97.9
100°	131.3	132.2	132.5	133.2	133.9	134.5	135.2	135.2	135.2	135.2	135.2
102.5°	170.7	171.4	171.8	172.7	173.6	174.4	175.3	175.5	175.7	176.0	176.2
105°	213.2	213.5	213.7	214.2	214.6	215.1	215.5	215.9	216.3	216.8	217.2
107.5°	259.1	259.5	259.5	259.5	259.5	259.5	259.5	259.7	259.9	260.2	260.4
110°	303.9	304.6	304.6	304.6	304.6	304.6	304.6	304.6	304.6	304.6	304.6

TEST NUMBER: P998022

CATALOG NUMBER: SA2XXDIP-B1005D925UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	350.9	351.6	351.5	351.3	351.0	350.8	350.6	350.0	349.3	348.7	348.0
115°	396.9	397.6	397.4	397.0	396.5	396.1	395.7	395.5	395.3	395.0	394.8
117.5°	444.7	445.6	445.1	444.0	442.9	441.8	440.7	440.1	439.4	438.8	438.1
120°	490.7	491.6	490.7	489.0	487.3	485.5	483.8	483.8	483.8	483.8	483.8
122.5°	534.6	535.7	535.2	534.1	533.0	531.9	530.8	530.2	529.5	528.9	528.2
125°	577.8	578.8	578.5	577.8	577.2	576.5	575.9	575.2	574.6	573.9	573.2
127.5°	622.7	623.9	623.5	622.6	621.7	620.8	619.9	619.0	618.2	617.3	616.4
130°	664.6	666.0	665.8	665.3	664.9	664.4	664.0	663.6	663.2	662.7	662.3
132.5°	707.0	708.1	708.2	708.4	708.7	708.9	709.1	708.0	706.9	705.8	704.7
135°	747.0	748.2	748.4	748.9	749.3	749.8	750.2	750.0	749.8	749.5	749.3
137.5°	788.4	789.4	789.6	790.0	790.5	790.9	791.3	791.1	790.9	790.7	790.5
140°	826.6	827.6	828.1	829.2	830.3	831.4	832.5	832.5	832.5	832.5	832.5
142.5°	865.7	866.7	867.0	867.7	868.4	869.0	869.7	869.9	870.1	870.4	870.6
145°	901.2	902.0	902.7	904.0	905.3	906.6	907.9	908.1	908.3	908.6	908.8
147.5°	936.3	937.3	937.7	938.6	939.5	940.3	941.2	941.6	942.0	942.5	942.9
150°	967.9	968.6	969.0	969.9	970.8	971.6	972.5	973.2	973.8	974.5	975.2
152.5°	998.3	999.0	999.5	1000.6	1001.7	1002.8	1003.9	1004.8	1005.6	1006.5	1007.4
155°	1026.1	1026.4	1026.7	1027.4	1028.0	1028.7	1029.3	1030.4	1031.5	1032.6	1033.7
157.5°	1051.6	1051.8	1052.0	1052.5	1052.9	1053.4	1053.8	1055.3	1056.9	1058.4	1059.9
160°	1075.2	1075.4	1075.5	1075.7	1075.9	1076.1	1076.3	1077.6	1078.9	1080.2	1081.5
162.5°	1094.9	1094.9	1095.0	1095.2	1095.5	1095.7	1095.9	1097.4	1099.0	1100.5	1102.0
165°	1112.7	1112.6	1112.6	1112.6	1112.6	1112.6	1112.6	1114.1	1115.6	1117.1	1118.6
167.5°	1127.6	1127.3	1127.3	1127.3	1127.3	1127.3	1127.3	1128.8	1130.3	1131.8	1133.3
170°	1140.3	1140.0	1139.9	1139.7	1139.4	1139.2	1139.0	1140.5	1142.1	1143.6	1145.1
172.5°	1149.1	1148.8	1148.7	1148.5	1148.2	1148.0	1147.8	1149.3	1150.9	1152.4	1153.9
175°	1156.0	1155.7	1155.5	1155.0	1154.6	1154.1	1153.7	1155.2	1156.8	1158.3	1159.8
177.5°	1159.9	1159.6	1159.4	1158.9	1158.5	1158.0	1157.6	1158.9	1160.2	1161.5	1162.8
180°	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6

TEST NUMBER: P998022

CATALOG NUMBER: SA2XXDIP-B1005D925UB27-4F0-XX-W2A-A1

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°	32.3	32.4	32.6	32.9	33.1	33.3	33.1	32.9	32.6	32.4	32.3
92.5°	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
95°	62.7	62.5	62.0	61.6	61.1	60.7	61.1	61.6	62.0	62.5	62.7
97.5°	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
100°	135.2	135.1	134.9	134.6	134.4	134.2	134.4	134.6	134.9	135.1	135.2
102.5°	176.3	176.2	176.0	175.7	175.5	175.3	175.5	175.7	176.0	176.2	176.3
105°	217.4	217.4	217.4	217.4	217.4	217.4	217.4	217.4	217.4	217.4	217.4
107.5°	260.5	260.0	258.9	257.8	256.7	255.6	256.7	257.8	258.9	260.0	260.5
110°	304.6	304.3	303.6	302.9	302.3	301.6	302.3	302.9	303.6	304.3	304.6

TEST NUMBER: P998022

CATALOG NUMBER: SA2XXDIP-B1005D925UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	347.7	347.5	347.0	346.6	346.1	345.7	346.1	346.6	347.0	347.5	347.7
115°	394.7	394.4	393.7	393.0	392.4	391.7	392.4	393.0	393.7	394.4	394.7
117.5°	437.8	437.5	436.8	436.1	435.5	434.8	435.5	436.1	436.8	437.5	437.8
120°	483.8	483.5	482.8	482.2	481.5	480.9	481.5	482.2	482.8	483.5	483.8
122.5°	527.9	527.7	527.2	526.8	526.3	525.9	526.3	526.8	527.2	527.7	527.9
125°	572.9	572.8	572.6	572.4	572.2	572.0	572.2	572.4	572.6	572.8	572.9
127.5°	616.0	615.7	615.0	614.4	613.7	613.1	613.7	614.4	615.0	615.7	616.0
130°	662.1	661.7	660.8	659.9	659.0	658.1	659.0	659.9	660.8	661.7	662.1
132.5°	704.2	703.9	703.2	702.5	701.9	701.2	701.9	702.5	703.2	703.9	704.2
135°	749.2	748.9	748.2	747.6	746.9	746.3	746.9	747.6	748.2	748.9	749.2
137.5°	790.4	790.0	789.1	788.2	787.3	786.4	787.3	788.2	789.1	790.0	790.4
140°	832.5	832.1	831.2	830.3	829.4	828.5	829.4	830.3	831.2	832.1	832.5
142.5°	870.7	870.3	869.4	868.5	867.6	866.7	867.6	868.5	869.4	870.3	870.7
145°	908.9	908.5	907.6	906.7	905.8	904.9	905.8	906.7	907.6	908.5	908.9
147.5°	943.1	942.7	941.8	940.9	940.1	939.2	940.1	940.9	941.8	942.7	943.1
150°	975.5	975.2	974.5	973.8	973.2	972.5	973.2	973.8	974.5	975.2	975.5
152.5°	1007.8	1007.4	1006.5	1005.6	1004.8	1003.9	1004.8	1005.6	1006.5	1007.4	1007.8
155°	1034.2	1033.9	1033.2	1032.6	1031.9	1031.3	1031.9	1032.6	1033.2	1033.9	1034.2
157.5°	1060.7	1060.2	1059.1	1058.0	1056.9	1055.8	1056.9	1058.0	1059.1	1060.2	1060.7
160°	1082.2	1081.8	1080.9	1080.0	1079.2	1078.3	1079.2	1080.0	1080.9	1081.8	1082.2
162.5°	1102.8	1102.3	1101.2	1100.1	1099.0	1097.9	1099.0	1100.1	1101.2	1102.3	1102.8
165°	1119.4	1118.9	1117.8	1116.7	1115.6	1114.5	1115.6	1116.7	1117.8	1118.9	1119.4
167.5°	1134.1	1133.6	1132.5	1131.4	1130.3	1129.2	1130.3	1131.4	1132.5	1133.6	1134.1
170°	1145.9	1145.2	1143.9	1142.6	1141.3	1140.0	1141.3	1142.6	1143.9	1145.2	1145.9
172.5°	1154.7	1154.0	1152.7	1151.4	1150.1	1148.8	1150.1	1151.4	1152.7	1154.0	1154.7
175°	1160.6	1159.9	1158.6	1157.3	1156.0	1154.7	1156.0	1157.3	1158.6	1159.9	1160.6
177.5°	1163.5	1162.8	1161.5	1160.2	1158.9	1157.6	1158.9	1160.2	1161.5	1162.8	1163.5
180°	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6

TEST NUMBER: P998022

CATALOG NUMBER: SA2XXDIP-B1005D925UB27-4F0-XX-W2A-A1

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°	32.5	33.0	33.4	33.9	34.3	29.5	24.7	19.9	15.1	12.7	11.4
92.5°	31.2	31.0	30.8	30.6	30.4	30.2	30.0	29.7	29.5	29.4	28.5
95°	62.7	62.7	62.7	62.7	62.7	62.3	61.8	61.4	60.9	60.7	59.6
97.5°	97.9	97.9	97.9	97.9	97.9	97.0	96.2	95.3	94.4	94.0	93.0
100°	135.2	135.2	135.2	135.2	135.2	134.5	133.9	133.2	132.5	132.2	131.3
102.5°	176.2	176.0	175.7	175.5	175.3	174.4	173.6	172.7	171.8	171.4	170.7
105°	217.2	216.8	216.3	215.9	215.5	215.1	214.6	214.2	213.7	213.5	213.2
107.5°	260.4	260.2	259.9	259.7	259.5	259.5	259.5	259.5	259.5	259.5	259.1
110°	304.6	304.6	304.6	304.6	304.6	304.6	304.6	304.6	304.6	304.6	303.9

TEST NUMBER: P998022

CATALOG NUMBER: SA2XXDIP-B1005D925UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	348.0	348.7	349.3	350.0	350.6	350.8	351.0	351.3	351.5	351.6	350.9
115°	394.8	395.0	395.3	395.5	395.7	396.1	396.5	397.0	397.4	397.6	396.9
117.5°	438.1	438.8	439.4	440.1	440.7	441.8	442.9	444.0	445.1	445.6	444.7
120°	483.8	483.8	483.8	483.8	483.8	485.5	487.3	489.0	490.7	491.6	490.7
122.5°	528.2	528.9	529.5	530.2	530.8	531.9	533.0	534.1	535.2	535.7	534.6
125°	573.2	573.9	574.6	575.2	575.9	576.5	577.2	577.8	578.5	578.8	577.8
127.5°	616.4	617.3	618.2	619.0	619.9	620.8	621.7	622.6	623.5	623.9	622.7
130°	662.3	662.7	663.2	663.6	664.0	664.4	664.9	665.3	665.8	666.0	664.6
132.5°	704.7	705.8	706.9	708.0	709.1	708.9	708.7	708.4	708.2	708.1	707.0
135°	749.3	749.5	749.8	750.0	750.2	749.8	749.3	748.9	748.4	748.2	747.0
137.5°	790.5	790.7	790.9	791.1	791.3	790.9	790.5	790.0	789.6	789.4	788.4
140°	832.5	832.5	832.5	832.5	832.5	831.4	830.3	829.2	828.1	827.6	826.6
142.5°	870.6	870.4	870.1	869.9	869.7	869.0	868.4	867.7	867.0	866.7	865.7
145°	908.8	908.6	908.3	908.1	907.9	906.6	905.3	904.0	902.7	902.0	901.2
147.5°	942.9	942.5	942.0	941.6	941.2	940.3	939.5	938.6	937.7	937.3	936.3
150°	975.2	974.5	973.8	973.2	972.5	971.6	970.8	969.9	969.0	968.6	967.9
152.5°	1007.4	1006.5	1005.6	1004.8	1003.9	1002.8	1001.7	1000.6	999.5	999.0	998.3
155°	1033.7	1032.6	1031.5	1030.4	1029.3	1028.7	1028.0	1027.4	1026.7	1026.4	1026.1
157.5°	1059.9	1058.4	1056.9	1055.3	1053.8	1053.4	1052.9	1052.5	1052.0	1051.8	1051.6
160°	1081.5	1080.2	1078.9	1077.6	1076.3	1076.1	1075.9	1075.7	1075.5	1075.4	1075.2
162.5°	1102.0	1100.5	1099.0	1097.4	1095.9	1095.7	1095.5	1095.2	1095.0	1094.9	1094.9
165°	1118.6	1117.1	1115.6	1114.1	1112.6	1112.6	1112.6	1112.6	1112.6	1112.6	1112.7
167.5°	1133.3	1131.8	1130.3	1128.8	1127.3	1127.3	1127.3	1127.3	1127.3	1127.3	1127.6
170°	1145.1	1143.6	1142.1	1140.5	1139.0	1139.2	1139.4	1139.7	1139.9	1140.0	1140.3
172.5°	1153.9	1152.4	1150.9	1149.3	1147.8	1148.0	1148.2	1148.5	1148.7	1148.8	1149.1
175°	1159.8	1158.3	1156.8	1155.2	1153.7	1154.1	1154.6	1155.0	1155.5	1155.7	1156.0
177.5°	1162.8	1161.5	1160.2	1158.9	1157.6	1158.0	1158.5	1158.9	1159.4	1159.6	1159.9
180°	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6

TEST NUMBER: P998022

CATALOG NUMBER: SA2XXDIP-B1005D925UB27-4F0-XX-W2A-A1

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°	8.8	6.2	3.6	1.0
92.5°	26.8	25.0	23.3	21.5
95°	57.4	55.3	53.1	50.9
97.5°	91.1	89.1	87.2	85.2
100°	129.6	127.9	126.1	124.4
102.5°	169.4	168.1	166.8	165.5
105°	212.5	211.9	211.2	210.6
107.5°	258.2	257.3	256.5	255.6
110°	302.6	301.3	300.0	298.7



TEST NUMBER: P998022

CATALOG NUMBER: SA2XXDIP-B1005D925UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	349.6	348.3	347.0	345.7
115°	395.6	394.3	393.0	391.7
117.5°	443.0	441.3	439.5	437.8
120°	489.0	487.3	485.5	483.8
122.5°	532.4	530.3	528.1	525.9
125°	575.9	573.9	572.0	570.0
127.5°	620.3	617.9	615.5	613.1
130°	661.7	658.9	656.0	653.2
132.5°	704.8	702.7	700.5	698.3
135°	744.6	742.3	739.9	737.5
137.5°	786.5	784.5	782.6	780.6
140°	824.7	822.7	820.8	818.8
142.5°	863.8	861.8	859.9	857.9
145°	899.7	898.2	896.6	895.1
147.5°	934.3	932.4	930.4	928.4
150°	966.6	965.3	964.0	962.7
152.5°	997.0	995.7	994.4	993.1
155°	1025.4	1024.7	1024.1	1023.4
157.5°	1051.2	1050.7	1050.3	1049.9
160°	1074.7	1074.3	1073.8	1073.4
162.5°	1094.9	1094.9	1094.9	1094.9
165°	1112.9	1113.1	1113.3	1113.5
167.5°	1128.3	1128.9	1129.6	1130.2
170°	1141.0	1141.6	1142.3	1142.9
172.5°	1149.8	1150.4	1151.1	1151.7
175°	1156.7	1157.3	1158.0	1158.6
177.5°	1160.6	1161.2	1161.9	1162.5
180°	1160.6	1160.6	1160.6	1160.6

TEST NUMBER: P998022

CATALOG NUMBER: SA2XXDIP-B1005D925UB27-4F0-XX-W2A-A1

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	18.48	19.37	19.38	20.28	21.45	15.97	16.87	16.87	17.78	18.94
	3H	19.29	20.09	20.20	21.01	22.20	17.32	18.12	18.23	19.04	20.23
	4H	19.46	20.22	20.39	21.15	22.34	17.78	18.54	18.71	19.47	20.66
	6H	19.51	20.21	20.45	21.14	22.35	18.09	18.79	19.03	19.72	20.93
	8H	19.49	20.15	20.44	21.10	22.31	18.18	18.84	19.12	19.79	21.00
	12H	19.45	20.08	20.40	21.03	22.26	18.22	18.85	19.17	19.79	21.03
4H	2H	18.52	19.28	19.46	20.21	21.41	16.42	17.18	17.35	18.10	19.30
	3H	19.51	20.14	20.45	21.09	22.31	17.89	18.51	18.83	19.47	20.68
	4H	19.79	20.36	20.74	21.31	22.55	18.42	18.99	19.37	19.95	21.18
	6H	19.92	20.41	20.88	21.39	22.62	18.80	19.29	19.77	20.27	21.51
	8H	19.92	20.38	20.88	21.35	22.60	18.91	19.37	19.88	20.34	21.60
	12H	19.88	20.30	20.87	21.28	22.54	18.97	19.39	19.96	20.37	21.63
8H	4H	19.80	20.26	20.76	21.23	22.48	18.57	19.03	19.53	20.00	21.25
	6H	19.98	20.36	20.97	21.37	22.62	19.00	19.38	19.99	20.39	21.64
	8H	20.01	20.34	21.01	21.34	22.61	19.15	19.49	20.15	20.49	21.76
	12H	19.99	20.29	21.00	21.28	22.60	19.25	19.54	20.25	20.53	21.85
12H	4H	19.76	20.17	20.74	21.16	22.41	18.54	18.96	19.53	19.94	21.20
	6H	19.96	20.29	20.96	21.29	22.56	19.00	19.34	20.00	20.34	21.61
	8H	19.99	20.28	20.99	21.28	22.59	19.16	19.46	20.16	20.45	21.76