

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: P999252

Luminaire Tested: SA2XXDIP-B865D925UB40-4F0-XX-W2A-A1

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P999252
REPORT IS A COMBINATION OF REPORTS P985001 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXDIP-B865D925UB40-4F0-XX-W2A-A1
Description: Define 2 Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865} {m-EER=0.951}
Light Source: -
Ballast/Driver: -

Summary

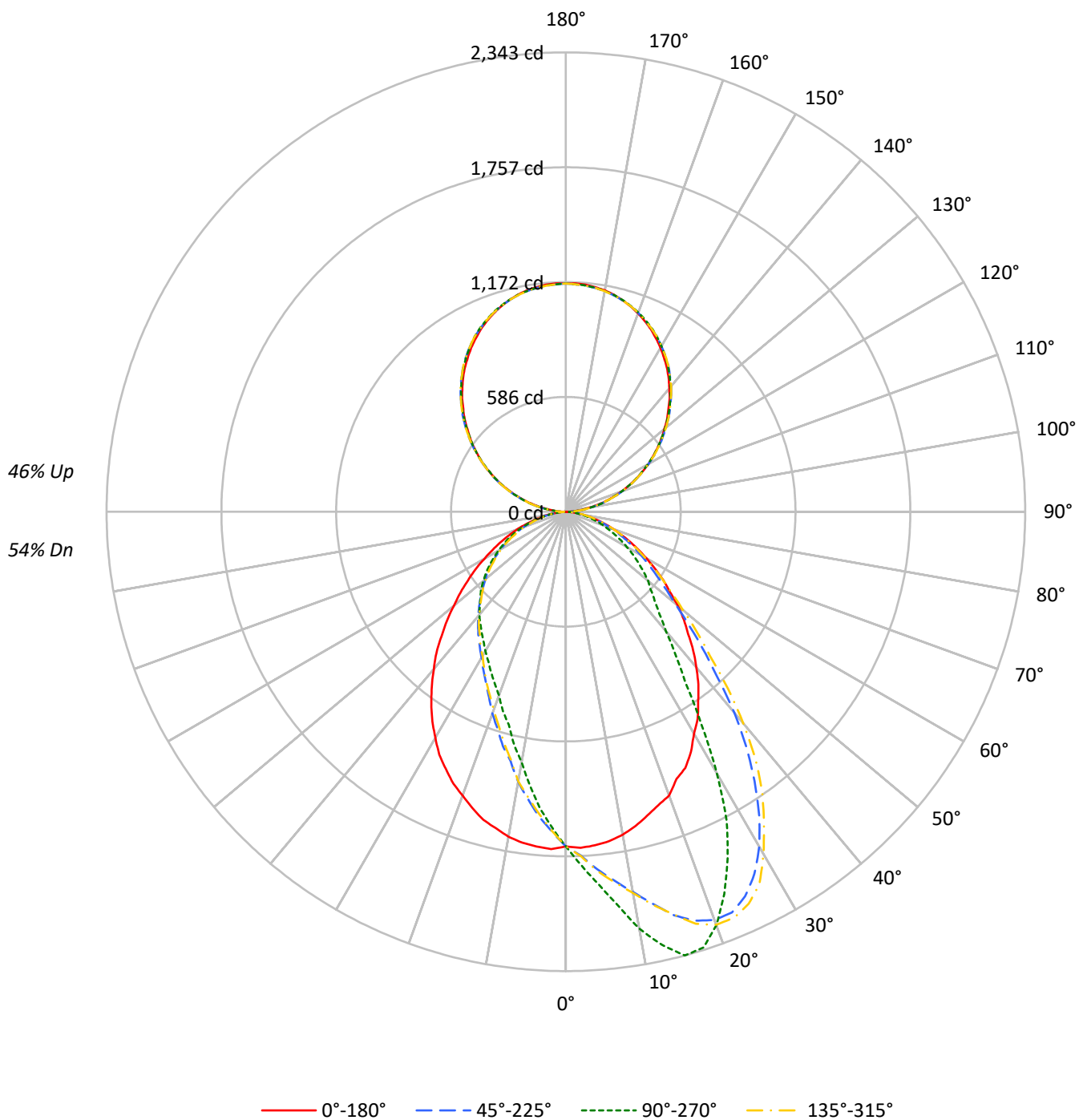
Lumens per Lamp: N/A
Luminaire Lumens: 7023.0 lumens
Efficiency: N/A
Efficacy: 93.3 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 75.3
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	108	108	108	108	100	100	100	100	85	85	85	72	72	72	59	59	59
1	99	95	91	88	92	88	85	82	76	73	71	64	62	61	53	52	51
2	91	84	78	73	84	78	73	68	67	63	60	57	54	52	48	46	44
3	83	74	67	61	77	69	63	58	59	55	51	51	47	44	43	40	38
4	76	66	58	52	71	61	55	49	53	48	44	46	42	38	38	36	33
5	70	59	51	45	65	55	48	43	48	42	38	41	37	34	35	32	29
6	65	53	45	39	60	50	43	37	43	38	34	37	33	30	32	29	26
7	60	48	40	35	56	45	38	33	39	34	30	34	30	27	29	26	23
8	56	44	36	31	52	41	34	30	36	31	27	31	27	24	27	24	21
9	52	40	33	28	48	38	31	27	33	28	24	29	25	22	25	22	19
10	49	37	30	25	45	35	28	24	31	25	22	27	23	20	23	20	18

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	27013	27013	27013	27013
5°	27077	28801	27180	22914
10°	26763	31441	26931	18891
15°	26114	33163	26477	15913
20°	25706	31139	25706	13832
25°	24887	26752	25001	12368
30°	23539	21029	23987	11203
35°	22345	14541	22718	10251
40°	20972	10979	21211	9491
45°	19278	9022	19595	8671
50°	17816	7919	17847	7938
55°	16148	6748	16251	7141
60°	14368	5636	14568	6232
65°	12776	4584	13011	5323
70°	11191	3597	11476	4294
75°	9392	2611	9762	3112
80°	7329	1655	7856	1848
85°	4817	832	5184	616

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 27922 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	162.5	2.3
10°-20°	473.1	6.7
20°-30°	686.6	9.8
30°-40°	723.8	10.3
40°-50°	640.5	9.1
50°-60°	511.4	7.3
60°-70°	347.4	4.9
70°-80°	177.7	2.5
80°-90°	45.3	0.6
90°-100°	72.0	1.0
100°-110°	228.9	3.3
110°-120°	391.7	5.6
120°-130°	515.2	7.3
130°-140°	578.3	8.2
140°-150°	567.1	8.1
150°-160°	475.7	6.8
160°-170°	315.5	4.5
170°-180°	110.3	1.6
0°-30°	1322.2	18.8
0°-40°	2046.0	29.1
0°-60°	3197.9	45.5
0°-90°	3768.3	53.7
90°-120°	692.7	9.9
90°-150°	2353.2	33.5
90°-180°	3255.0	46.3
0°-180°	7023.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1706	1706	1706	1706	1706	
5°	1708	1906	1714	1516	1708	162
15°	1604	2343	1626	1124	1604	453
25°	1442	1952	1448	902	1442	659
35°	1177	1062	1196	749	1177	736
45°	883	640	897	615	883	685
55°	606	450	610	476	606	541
65°	359	277	366	321	359	357
75°	168	136	174	163	168	180
85°	34	35	37	26	34	40
90°	1	33	1	33	1	5
95°	51	61	51	61	51	57
105°	211	218	211	218	211	223
115°	393	393	393	393	393	389
125°	572	574	572	574	572	511
135°	740	749	740	749	740	572
145°	898	908	898	908	898	561
155°	1027	1034	1027	1034	1027	473
165°	1117	1118	1117	1118	1117	315
175°	1162	1158	1162	1158	1162	110
180°	1164	1164	1164	1164	1164	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5
2.5°	1715.7	1719.6	1726.1	1727.5	1740.6	1751.1	1762.9	1762.9	1766.8	1765.5	1755.0
5°	1707.8	1719.6	1736.6	1751.1	1774.7	1785.2	1800.9	1812.7	1823.2	1831.1	1829.8
7.5°	1694.7	1715.7	1740.6	1768.1	1799.6	1818.0	1840.3	1861.2	1875.7	1888.8	1898.0
10°	1672.4	1707.8	1741.9	1778.6	1819.3	1844.2	1870.4	1898.0	1920.3	1945.2	1968.8
12.5°	1642.2	1693.4	1735.3	1783.9	1833.7	1861.2	1903.2	1924.2	1967.5	2030.5	2047.5
15°	1604.2	1673.7	1713.0	1774.7	1840.3	1862.6	1920.3	1954.4	2043.6	2082.9	2130.1
17.5°	1568.7	1646.1	1698.6	1769.4	1833.7	1877.0	1933.4	2002.9	2077.7	2134.1	2186.5
20°	1539.9	1614.7	1677.6	1756.3	1837.6	1892.7	1951.8	2035.7	2117.0	2174.7	2215.4
22.5°	1474.3	1570.1	1643.5	1731.4	1829.8	1905.8	1962.2	2054.1	2141.9	2177.4	2212.8
25°	1441.5	1524.2	1609.4	1709.1	1824.5	1915.0	1963.6	2065.9	2143.3	2156.4	2164.2
27.5°	1381.2	1474.3	1574.0	1688.1	1823.2	1899.3	1960.9	2054.1	2115.7	2106.5	2082.9
30°	1306.4	1420.5	1530.7	1654.0	1804.8	1887.5	1945.2	2030.5	2061.9	2014.7	1972.7
32.5°	1251.3	1358.9	1480.9	1623.8	1783.9	1862.6	1919.0	1985.9	1992.4	1907.2	1836.3
35°	1176.6	1295.9	1433.6	1584.5	1748.4	1819.3	1871.7	1912.4	1880.9	1761.6	1677.6
37.5°	1109.7	1227.7	1374.6	1528.1	1699.9	1769.4	1811.4	1818.0	1740.6	1635.6	1512.3
40°	1036.2	1158.2	1311.7	1473.0	1646.1	1706.5	1732.7	1713.0	1601.5	1479.6	1336.6
42.5°	962.8	1083.4	1248.7	1414.0	1577.9	1629.1	1639.6	1585.8	1449.4	1306.4	1141.1
45°	882.7	1008.7	1173.9	1340.5	1499.2	1528.1	1529.4	1452.0	1290.7	1141.1	987.7
47.5°	817.2	933.9	1097.9	1264.4	1398.2	1417.9	1410.0	1320.8	1145.1	977.2	843.4
50°	745.0	856.5	1019.2	1183.1	1297.2	1302.5	1282.8	1155.6	983.7	830.3	724.0
52.5°	667.6	780.4	930.0	1087.4	1189.7	1181.8	1143.8	1007.4	846.0	718.8	637.5
55°	606.0	705.7	846.0	999.5	1071.6	1049.3	1007.4	868.3	741.1	633.5	562.7
57.5°	537.8	625.7	763.4	897.2	939.2	918.2	876.2	746.3	628.3	547.0	499.7
60°	473.5	553.5	674.2	785.7	818.5	796.2	747.6	630.9	545.7	477.4	442.0
62.5°	414.5	484.0	585.0	687.3	700.4	678.1	636.2	541.7	468.3	414.5	388.3
65°	359.4	425.0	506.3	583.7	595.5	571.9	528.6	460.4	398.7	364.6	339.7
67.5°	305.6	358.1	430.2	486.6	493.2	470.9	435.5	380.4	342.3	305.6	287.3
70°	258.4	297.7	354.1	400.1	402.7	381.7	363.3	313.5	284.6	258.4	244.0
72.5°	212.5	240.0	283.3	317.4	318.7	305.6	288.6	257.1	232.2	213.8	199.4
75°	167.9	191.5	217.7	247.9	246.6	236.1	223.0	203.3	182.3	170.5	164.0
77.5°	128.5	143.0	164.0	183.6	183.6	178.4	170.5	156.1	143.0	131.2	124.6
80°	91.8	101.0	118.0	124.6	127.2	125.9	119.4	108.9	103.6	94.4	91.8
82.5°	59.0	65.6	73.5	80.0	83.9	81.3	80.0	74.8	66.9	64.3	61.6
85°	34.1	36.7	40.7	44.6	45.9	44.6	47.2	43.3	39.3	39.3	38.0
87.5°	14.4	15.7	18.4	18.4	19.7	19.7	18.4	19.7	19.7	18.4	17.1
90°	1.0	3.6	6.2	8.9	11.5	12.8	15.2	20.0	24.8	29.6	34.4
92.5°	21.6	23.4	25.1	26.9	28.6	29.5	29.6	29.8	30.1	30.3	30.5
95°	51.1	53.3	55.5	57.6	59.8	60.9	61.1	61.6	62.0	62.5	62.9
97.5°	85.5	87.5	89.4	91.4	93.3	94.3	94.7	95.6	96.5	97.3	98.2
100°	124.8	126.5	128.3	130.0	131.7	132.6	132.9	133.6	134.3	134.9	135.6
102.5°	166.0	167.3	168.6	169.9	171.2	171.9	172.3	173.2	174.1	174.9	175.8
105°	211.2	211.9	212.5	213.2	213.9	214.2	214.4	214.8	215.3	215.7	216.1
107.5°	256.4	257.3	258.1	259.0	259.9	260.3	260.3	260.3	260.3	260.3	260.3
110°	299.6	300.9	302.2	303.5	304.8	305.5	305.5	305.5	305.5	305.5	305.5

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	346.8	348.1	349.4	350.7	352.0	352.7	352.6	352.4	352.1	351.9	351.7
115°	393.0	394.3	395.6	396.9	398.2	398.8	398.6	398.2	397.7	397.3	396.9
117.5°	439.1	440.9	442.6	444.4	446.1	447.0	446.5	445.4	444.3	443.2	442.1
120°	485.3	487.1	488.8	490.6	492.3	493.2	492.3	490.6	488.8	487.1	485.3
122.5°	527.5	529.7	531.9	534.1	536.3	537.4	536.9	535.8	534.7	533.6	532.5
125°	571.7	573.7	575.7	577.6	579.6	580.6	580.3	579.6	578.9	578.3	577.6
127.5°	615.0	617.4	619.8	622.2	624.6	625.8	625.4	624.5	623.6	622.8	621.9
130°	655.3	658.1	660.9	663.8	666.6	668.0	667.8	667.4	666.9	666.5	666.1
132.5°	700.4	702.6	704.8	707.0	709.2	710.3	710.4	710.6	710.8	711.0	711.2
135°	739.7	742.1	744.5	746.9	749.3	750.5	750.7	751.2	751.6	752.1	752.5
137.5°	783.0	785.0	786.9	788.9	790.8	791.8	792.0	792.5	792.9	793.4	793.8
140°	821.3	823.3	825.2	827.2	829.1	830.1	830.6	831.7	832.8	833.9	835.0
142.5°	860.6	862.6	864.5	866.5	868.4	869.4	869.7	870.4	871.1	871.7	872.4
145°	897.9	899.4	901.0	902.5	904.0	904.8	905.5	906.8	908.1	909.4	910.7
147.5°	931.3	933.3	935.2	937.2	939.1	940.1	940.5	941.4	942.3	943.2	944.1
150°	965.7	967.0	968.3	969.6	970.9	971.6	972.0	972.9	973.8	974.6	975.5
152.5°	996.1	997.4	998.7	1000.0	1001.3	1002.0	1002.5	1003.6	1004.7	1005.8	1006.9
155°	1026.6	1027.2	1027.9	1028.5	1029.2	1029.5	1029.8	1030.5	1031.2	1031.8	1032.5
157.5°	1053.1	1053.5	1054.0	1054.4	1054.9	1055.1	1055.3	1055.7	1056.2	1056.6	1057.0
160°	1076.7	1077.1	1077.6	1078.0	1078.5	1078.7	1078.8	1079.0	1079.2	1079.4	1079.6
162.5°	1098.3	1098.3	1098.3	1098.3	1098.3	1098.3	1098.4	1098.6	1098.9	1099.1	1099.3
165°	1117.0	1116.8	1116.6	1116.3	1116.1	1116.0	1116.0	1116.0	1116.0	1116.0	1116.0
167.5°	1133.7	1133.0	1132.4	1131.7	1131.0	1130.7	1130.7	1130.7	1130.7	1130.7	1130.7
170°	1146.4	1145.8	1145.1	1144.5	1143.8	1143.5	1143.4	1143.2	1142.9	1142.7	1142.5
172.5°	1155.3	1154.6	1154.0	1153.3	1152.6	1152.3	1152.2	1152.0	1151.8	1151.6	1151.4
175°	1162.2	1161.5	1160.9	1160.2	1159.5	1159.2	1159.0	1158.6	1158.1	1157.7	1157.3
177.5°	1166.1	1165.4	1164.8	1164.1	1163.4	1163.1	1162.9	1162.5	1162.0	1161.6	1161.2
180°	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5
2.5°	1773.4	1774.7	1777.3	1790.4	1797.0	1798.3	1793.0	1804.8	1808.8	1804.8	1802.2
5°	1857.3	1865.2	1880.9	1898.0	1896.7	1898.0	1905.8	1913.7	1916.3	1905.8	1909.8
7.5°	1930.8	1946.5	1963.6	1989.8	1989.8	2002.9	2008.2	2014.7	2030.5	2022.6	2020.0
10°	2014.7	2035.7	2067.2	2109.2	2110.5	2123.6	2136.7	2157.7	2164.2	2159.0	2161.6
12.5°	2119.6	2160.3	2162.9	2208.8	2229.8	2232.5	2253.4	2249.5	2262.6	2262.6	2284.9
15°	2165.6	2228.5	2263.9	2308.5	2321.6	2305.9	2323.0	2341.3	2342.6	2342.6	2341.3
17.5°	2248.2	2273.1	2308.5	2332.1	2337.4	2337.4	2338.7	2346.6	2341.3	2330.8	2338.7
20°	2265.2	2275.7	2288.9	2286.2	2288.9	2275.7	2262.6	2249.5	2250.8	2244.3	2263.9
22.5°	2233.8	2231.1	2201.0	2181.3	2181.3	2155.1	2130.1	2118.3	2106.5	2110.5	2117.0
25°	2155.1	2114.4	2077.7	2048.8	2042.3	2000.3	1966.2	1955.7	1936.0	1951.8	1954.4
27.5°	2029.1	1983.2	1924.2	1899.3	1865.2	1848.1	1824.5	1793.0	1752.4	1776.0	1772.1
30°	1894.0	1825.8	1777.3	1717.0	1663.2	1659.3	1614.7	1562.2	1541.2	1541.2	1553.0
32.5°	1743.2	1652.7	1581.9	1496.6	1444.1	1421.8	1368.1	1315.6	1327.4	1288.1	1302.5
35°	1567.4	1448.1	1358.9	1276.2	1236.9	1210.7	1141.1	1112.3	1080.8	1062.4	1096.6
37.5°	1399.5	1261.8	1147.7	1057.2	1042.8	995.6	948.3	930.0	911.6	919.5	918.2
40°	1194.9	1072.9	970.6	899.8	874.9	852.6	821.1	798.8	787.0	793.6	794.9
42.5°	1010.0	907.7	831.6	781.8	760.8	745.0	729.3	710.9	707.0	707.0	712.2
45°	867.0	783.1	731.9	691.2	679.4	667.6	655.8	648.0	645.3	640.1	644.0
47.5°	752.9	686.0	654.5	624.4	611.2	608.6	598.1	594.2	588.9	587.6	588.9
50°	657.1	615.2	586.3	569.3	560.1	556.1	550.9	543.0	540.4	547.0	544.3
52.5°	590.2	550.9	535.2	518.1	512.9	507.6	499.7	501.1	499.7	497.1	497.1
55°	523.4	498.4	482.7	469.6	468.3	463.0	456.5	453.8	452.5	449.9	453.8
57.5°	469.6	449.9	435.5	423.7	418.4	418.4	411.9	406.6	406.6	405.3	406.6
60°	415.8	396.1	386.9	375.1	371.2	369.9	366.0	363.3	359.4	359.4	359.4
62.5°	366.0	350.2	339.7	329.2	330.5	324.0	318.7	316.1	316.1	317.4	317.4
65°	318.7	308.2	295.1	285.9	283.3	282.0	279.4	278.1	274.1	276.8	276.8
67.5°	275.4	261.0	253.2	249.2	245.3	244.0	241.3	238.7	237.4	236.1	238.7
70°	232.2	220.4	213.8	211.2	207.2	205.9	204.6	200.7	202.0	203.3	204.6
72.5°	192.8	182.3	181.0	173.1	173.1	173.1	167.9	170.5	169.2	166.6	169.2
75°	152.2	146.9	144.3	140.3	141.7	140.3	139.0	135.1	135.1	136.4	137.7
77.5°	120.7	115.4	114.1	110.2	107.6	110.2	107.6	106.2	106.2	107.6	107.6
80°	89.2	86.6	82.6	82.6	82.6	81.3	81.3	81.3	80.0	78.7	80.0
82.5°	59.0	59.0	57.7	56.4	57.7	55.1	56.4	56.4	56.4	56.4	56.4
85°	38.0	36.7	36.7	35.4	35.4	35.4	36.7	34.1	34.1	35.4	35.4
87.5°	17.1	17.1	17.1	18.4	17.1	17.1	17.1	18.4	17.1	17.1	17.1
90°	34.0	33.5	33.1	32.6	32.4	32.5	32.7	33.0	33.2	33.4	33.2
92.5°	30.7	30.9	31.1	31.3	31.4	31.4	31.4	31.4	31.4	31.4	31.4
95°	62.9	62.9	62.9	62.9	62.9	62.7	62.2	61.8	61.3	60.9	61.3
97.5°	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
100°	135.6	135.6	135.6	135.6	135.6	135.5	135.3	135.0	134.8	134.6	134.8
102.5°	176.0	176.2	176.5	176.7	176.8	176.7	176.5	176.2	176.0	175.8	176.0
105°	216.5	217.0	217.4	217.9	218.1	218.1	218.1	218.1	218.1	218.1	218.1
107.5°	260.5	260.7	261.0	261.2	261.3	260.8	259.7	258.6	257.5	256.4	257.5
110°	305.5	305.5	305.5	305.5	305.5	305.2	304.5	303.9	303.2	302.6	303.2

TEST NUMBER: P999252

CATALOG NUMBER: SA2XXDIP-B865D925UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	351.0	350.4	349.7	349.0	348.7	348.5	348.1	347.6	347.2	346.8	347.2
115°	396.7	396.5	396.2	396.0	395.9	395.6	394.9	394.3	393.6	393.0	393.6
117.5°	441.4	440.8	440.1	439.4	439.1	438.8	438.1	437.5	436.8	436.2	436.8
120°	485.3	485.3	485.3	485.3	485.3	485.0	484.3	483.7	483.0	482.4	483.0
122.5°	531.8	531.2	530.5	529.8	529.5	529.3	528.8	528.4	527.9	527.5	527.9
125°	577.0	576.3	575.7	575.0	574.7	574.6	574.4	574.1	573.9	573.7	573.9
127.5°	621.0	620.1	619.2	618.3	617.9	617.6	616.9	616.3	615.6	615.0	615.6
130°	665.7	665.2	664.8	664.3	664.1	663.7	662.8	661.9	661.1	660.2	661.1
132.5°	710.1	709.0	707.9	706.8	706.3	706.0	705.3	704.7	704.0	703.4	704.0
135°	752.3	752.1	751.8	751.6	751.5	751.2	750.5	749.9	749.2	748.6	749.2
137.5°	793.6	793.4	793.1	792.9	792.8	792.4	791.5	790.6	789.8	788.9	789.8
140°	835.0	835.0	835.0	835.0	835.0	834.6	833.7	832.8	832.0	831.1	832.0
142.5°	872.6	872.8	873.0	873.2	873.3	872.9	872.0	871.1	870.3	869.4	870.3
145°	910.9	911.1	911.4	911.6	911.7	911.3	910.4	909.5	908.6	907.7	908.6
147.5°	944.5	944.9	945.4	945.8	946.0	945.6	944.7	943.8	943.0	942.1	943.0
150°	976.2	976.8	977.5	978.2	978.5	978.2	977.5	976.8	976.2	975.5	976.2
152.5°	1007.8	1008.7	1009.6	1010.5	1010.9	1010.5	1009.6	1008.7	1007.8	1006.9	1007.8
155°	1033.6	1034.7	1035.8	1036.9	1037.4	1037.1	1036.4	1035.8	1035.1	1034.5	1035.1
157.5°	1058.5	1060.1	1061.6	1063.1	1063.9	1063.4	1062.3	1061.2	1060.1	1059.0	1060.1
160°	1080.9	1082.2	1083.5	1084.8	1085.5	1085.1	1084.2	1083.3	1082.5	1081.6	1082.5
162.5°	1100.8	1102.4	1103.9	1105.4	1106.2	1105.7	1104.6	1103.5	1102.4	1101.3	1102.4
165°	1117.5	1119.1	1120.6	1122.1	1122.9	1122.4	1121.3	1120.2	1119.1	1118.0	1119.1
167.5°	1132.2	1133.8	1135.3	1136.8	1137.6	1137.1	1136.0	1134.9	1133.8	1132.7	1133.8
170°	1144.0	1145.6	1147.1	1148.6	1149.4	1148.7	1147.4	1146.1	1144.8	1143.5	1144.8
172.5°	1152.9	1154.4	1155.9	1157.4	1158.2	1157.5	1156.2	1154.9	1153.6	1152.3	1153.6
175°	1158.8	1160.3	1161.8	1163.3	1164.1	1163.4	1162.1	1160.8	1159.5	1158.2	1159.5
177.5°	1162.5	1163.8	1165.1	1166.4	1167.1	1166.4	1165.1	1163.8	1162.5	1161.2	1162.5
180°	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1

TEST NUMBER: P999252

CATALOG NUMBER: SA2XXDIP-B865D925UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5
2.5°	1808.8	1799.6	1791.7	1793.0	1799.6	1794.4	1781.2	1764.2	1757.6	1749.8	1757.6
5°	1917.7	1909.8	1894.0	1895.4	1891.4	1886.2	1865.2	1839.0	1839.0	1818.0	1815.3
7.5°	2025.2	2013.4	2002.9	2000.3	1985.9	1975.4	1957.0	1920.3	1905.8	1880.9	1866.5
10°	2145.9	2136.7	2124.9	2110.5	2102.6	2084.2	2054.1	2000.3	1974.1	1939.9	1915.0
12.5°	2267.9	2266.6	2240.3	2211.5	2210.2	2181.3	2160.3	2088.2	2052.8	2006.8	1947.8
15°	2345.3	2338.7	2324.3	2309.8	2313.8	2282.3	2235.1	2149.8	2126.2	2071.1	2008.2
17.5°	2343.9	2343.9	2340.0	2337.4	2333.4	2324.3	2298.0	2241.6	2203.6	2134.1	2075.1
20°	2269.2	2286.2	2290.2	2288.9	2302.0	2308.5	2307.2	2271.8	2241.6	2180.0	2119.6
22.5°	2119.6	2159.0	2176.0	2186.5	2214.1	2228.5	2262.6	2249.5	2241.6	2195.7	2144.6
25°	1980.6	1993.7	2044.9	2047.5	2085.5	2121.0	2155.1	2177.4	2206.2	2189.2	2145.9
27.5°	1800.9	1831.1	1867.8	1895.4	1903.2	1975.4	2031.8	2073.7	2139.3	2144.6	2130.1
30°	1597.6	1612.0	1672.4	1709.1	1751.1	1803.5	1884.9	1957.0	2016.0	2069.8	2088.2
32.5°	1349.7	1408.7	1444.1	1488.7	1525.5	1618.6	1718.3	1811.4	1879.6	1970.1	2009.5
35°	1122.8	1168.7	1229.0	1247.4	1314.3	1393.0	1522.8	1642.2	1745.8	1837.6	1917.7
37.5°	935.2	971.9	1036.2	1065.1	1104.4	1205.4	1314.3	1462.5	1587.1	1699.9	1799.6
40°	806.7	834.2	882.7	891.9	924.7	1016.5	1104.4	1243.5	1408.7	1560.9	1669.7
42.5°	718.8	731.9	764.7	776.5	797.5	859.1	937.8	1069.0	1222.5	1379.9	1533.3
45°	655.8	665.0	684.7	695.2	721.4	749.0	813.2	918.2	1038.8	1197.5	1362.8
47.5°	599.4	611.2	619.1	625.7	640.1	670.3	712.2	789.6	905.0	1050.6	1210.7
50°	552.2	556.1	570.6	571.9	581.1	600.7	640.1	687.3	779.1	897.2	1052.0
52.5°	505.0	508.9	518.1	527.3	531.2	547.0	573.2	612.5	680.8	773.9	911.6
55°	457.8	463.0	472.2	478.8	482.7	495.8	511.5	549.6	603.4	668.9	781.8
57.5°	410.6	422.4	425.0	428.9	435.5	449.9	464.3	486.6	528.6	588.9	671.6
60°	366.0	369.9	379.1	383.0	389.6	397.4	415.8	432.8	463.0	510.2	585.0
62.5°	320.0	329.2	333.2	337.1	342.3	351.5	363.3	381.7	407.9	446.0	505.0
65°	280.7	282.0	289.9	295.1	300.4	306.9	318.7	335.8	351.5	386.9	430.2
67.5°	242.7	245.3	247.9	253.2	259.7	266.3	276.8	285.9	305.6	329.2	363.3
70°	205.9	205.9	212.5	216.4	215.1	223.0	230.9	241.3	255.8	278.1	305.6
72.5°	173.1	171.8	177.1	178.4	181.0	186.3	191.5	202.0	209.9	226.9	247.9
75°	137.7	140.3	143.0	143.0	146.9	150.8	156.1	161.3	170.5	181.0	196.7
77.5°	108.9	108.9	111.5	112.8	116.7	115.4	120.7	125.9	132.5	141.7	153.5
80°	80.0	82.6	82.6	82.6	83.9	85.3	90.5	94.4	98.4	104.9	110.2
82.5°	56.4	56.4	59.0	59.0	59.0	61.6	61.6	63.0	65.6	69.5	73.5
85°	35.4	35.4	35.4	36.7	35.4	36.7	39.3	38.0	39.3	42.0	42.0
87.5°	17.1	17.1	17.1	17.1	17.1	18.4	17.1	18.4	19.7	19.7	19.7
90°	33.0	32.7	32.5	32.4	32.6	33.1	33.5	34.0	34.4	29.6	24.8
92.5°	31.4	31.4	31.4	31.4	31.3	31.1	30.9	30.7	30.5	30.3	30.1
95°	61.8	62.2	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.5	62.0
97.5°	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	97.3	96.5
100°	135.0	135.3	135.5	135.6	135.6	135.6	135.6	135.6	135.6	134.9	134.3
102.5°	176.2	176.5	176.7	176.8	176.7	176.5	176.2	176.0	175.8	174.9	174.1
105°	218.1	218.1	218.1	218.1	217.9	217.4	217.0	216.5	216.1	215.7	215.3
107.5°	258.6	259.7	260.8	261.3	261.2	261.0	260.7	260.5	260.3	260.3	260.3
110°	303.9	304.5	305.2	305.5	305.5	305.5	305.5	305.5	305.5	305.5	305.5

TEST NUMBER: P999252

CATALOG NUMBER: SA2XXDIP-B865D925UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	347.6	348.1	348.5	348.7	349.0	349.7	350.4	351.0	351.7	351.9	352.1
115°	394.3	394.9	395.6	395.9	396.0	396.2	396.5	396.7	396.9	397.3	397.7
117.5°	437.5	438.1	438.8	439.1	439.4	440.1	440.8	441.4	442.1	443.2	444.3
120°	483.7	484.3	485.0	485.3	485.3	485.3	485.3	485.3	485.3	487.1	488.8
122.5°	528.4	528.8	529.3	529.5	529.8	530.5	531.2	531.8	532.5	533.6	534.7
125°	574.1	574.4	574.6	574.7	575.0	575.7	576.3	577.0	577.6	578.3	578.9
127.5°	616.3	616.9	617.6	617.9	618.3	619.2	620.1	621.0	621.9	622.8	623.6
130°	661.9	662.8	663.7	664.1	664.3	664.8	665.2	665.7	666.1	666.5	666.9
132.5°	704.7	705.3	706.0	706.3	706.8	707.9	709.0	710.1	711.2	711.0	710.8
135°	749.9	750.5	751.2	751.5	751.6	751.8	752.1	752.3	752.5	752.1	751.6
137.5°	790.6	791.5	792.4	792.8	792.9	793.1	793.4	793.6	793.8	793.4	792.9
140°	832.8	833.7	834.6	835.0	835.0	835.0	835.0	835.0	835.0	833.9	832.8
142.5°	871.1	872.0	872.9	873.3	873.2	873.0	872.8	872.6	872.4	871.7	871.1
145°	909.5	910.4	911.3	911.7	911.6	911.4	911.1	910.9	910.7	909.4	908.1
147.5°	943.8	944.7	945.6	946.0	945.8	945.4	944.9	944.5	944.1	943.2	942.3
150°	976.8	977.5	978.2	978.5	978.2	977.5	976.8	976.2	975.5	974.6	973.8
152.5°	1008.7	1009.6	1010.5	1010.9	1010.5	1009.6	1008.7	1007.8	1006.9	1005.8	1004.7
155°	1035.8	1036.4	1037.1	1037.4	1036.9	1035.8	1034.7	1033.6	1032.5	1031.8	1031.2
157.5°	1061.2	1062.3	1063.4	1063.9	1063.1	1061.6	1060.1	1058.5	1057.0	1056.6	1056.2
160°	1083.3	1084.2	1085.1	1085.5	1084.8	1083.5	1082.2	1080.9	1079.6	1079.4	1079.2
162.5°	1103.5	1104.6	1105.7	1106.2	1105.4	1103.9	1102.4	1100.8	1099.3	1099.1	1098.9
165°	1120.2	1121.3	1122.4	1122.9	1122.1	1120.6	1119.1	1117.5	1116.0	1116.0	1116.0
167.5°	1134.9	1136.0	1137.1	1137.6	1136.8	1135.3	1133.8	1132.2	1130.7	1130.7	1130.7
170°	1146.1	1147.4	1148.7	1149.4	1148.6	1147.1	1145.6	1144.0	1142.5	1142.7	1142.9
172.5°	1154.9	1156.2	1157.5	1158.2	1157.4	1155.9	1154.4	1152.9	1151.4	1151.6	1151.8
175°	1160.8	1162.1	1163.4	1164.1	1163.3	1161.8	1160.3	1158.8	1157.3	1157.7	1158.1
177.5°	1163.8	1165.1	1166.4	1167.1	1166.4	1165.1	1163.8	1162.5	1161.2	1161.6	1162.0
180°	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1

TEST NUMBER: P999252

CATALOG NUMBER: SA2XXDIP-B865D925UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5
2.5°	1751.1	1744.5	1740.6	1743.2	1735.3	1715.7	1715.7	1722.2	1714.3	1706.5	1694.7
5°	1799.6	1786.5	1778.6	1777.3	1758.9	1727.5	1720.9	1714.3	1697.3	1678.9	1659.3
7.5°	1846.8	1823.2	1810.1	1800.9	1774.7	1734.0	1717.0	1702.5	1675.0	1647.4	1622.5
10°	1886.2	1852.1	1836.3	1821.9	1787.8	1736.6	1709.1	1682.9	1647.4	1612.0	1580.6
12.5°	1917.7	1878.3	1858.6	1837.6	1795.7	1728.8	1694.7	1652.7	1617.3	1570.1	1538.6
15°	1970.1	1888.8	1870.4	1850.8	1807.5	1715.7	1673.7	1626.5	1577.9	1515.0	1480.9
17.5°	2012.1	1903.2	1901.9	1859.9	1803.5	1710.4	1646.1	1584.5	1532.0	1469.1	1415.3
20°	2037.0	1925.5	1904.5	1861.2	1790.4	1675.0	1608.1	1539.9	1483.5	1407.4	1353.6
22.5°	2058.0	1957.0	1901.9	1849.4	1762.9	1663.2	1564.8	1500.5	1423.2	1340.5	1289.4
25°	2065.9	1963.6	1905.8	1845.5	1743.2	1629.1	1517.6	1448.1	1361.5	1286.7	1217.2
27.5°	2067.2	1962.2	1891.4	1828.5	1715.7	1584.5	1470.4	1396.9	1301.2	1214.6	1145.1
30°	2054.1	1947.8	1883.5	1815.3	1689.4	1543.8	1412.7	1331.3	1229.0	1142.5	1070.3
32.5°	2014.7	1919.0	1866.5	1791.7	1655.3	1487.4	1357.6	1267.1	1159.5	1074.3	1004.7
35°	1949.1	1883.5	1825.8	1756.3	1610.7	1435.0	1302.5	1196.2	1087.4	1006.0	940.5
37.5°	1867.8	1832.4	1778.6	1710.4	1559.6	1387.7	1240.8	1122.8	1013.9	935.2	870.9
40°	1757.6	1766.8	1714.3	1652.7	1499.2	1323.5	1160.8	1048.0	945.7	872.3	809.3
42.5°	1638.3	1676.3	1646.1	1587.1	1432.3	1252.6	1101.8	977.2	877.5	801.4	749.0
45°	1509.7	1575.3	1556.9	1513.7	1362.8	1177.9	1017.9	897.2	809.3	735.8	689.9
47.5°	1369.4	1462.5	1462.5	1431.0	1285.4	1103.1	945.7	822.4	735.8	683.4	638.8
50°	1226.4	1331.3	1348.4	1327.4	1198.9	1017.9	857.8	746.3	671.6	620.4	587.6
52.5°	1076.9	1198.9	1230.3	1219.8	1107.0	936.5	785.7	676.8	608.6	564.0	535.2
55°	933.9	1075.6	1109.7	1113.6	1008.7	847.3	705.7	609.9	544.3	514.2	489.3
57.5°	798.8	935.2	973.3	979.8	909.0	766.0	630.9	547.0	487.9	463.0	443.3
60°	683.4	797.5	847.3	861.8	800.1	671.6	561.4	480.1	435.5	411.9	393.5
62.5°	588.9	680.8	733.2	737.2	709.6	588.9	489.3	421.0	383.0	362.0	352.8
65°	497.1	579.8	611.2	627.0	604.7	510.2	422.4	366.0	335.8	317.4	308.2
67.5°	423.7	476.1	502.4	523.4	501.1	430.2	359.4	313.5	291.2	272.8	267.6
70°	347.6	390.9	410.6	431.5	411.9	358.1	306.9	265.0	245.3	230.9	224.3
72.5°	278.1	312.2	330.5	343.7	331.9	287.3	245.3	216.4	202.0	191.5	187.6
75°	220.4	244.0	254.5	263.6	258.4	224.3	198.1	174.5	161.3	152.2	149.5
77.5°	167.9	184.9	196.7	199.4	192.8	170.5	148.2	133.8	123.3	118.0	115.4
80°	119.4	129.9	136.4	140.3	133.8	124.6	108.9	98.4	89.2	82.6	81.3
82.5°	80.0	85.3	90.5	89.2	86.6	78.7	69.5	64.3	60.3	55.1	55.1
85°	45.9	47.2	49.8	51.2	49.8	44.6	39.3	36.7	34.1	30.2	30.2
87.5°	19.7	21.0	21.0	22.3	19.7	19.7	17.1	14.4	14.4	13.1	11.8
90°	20.0	15.2	12.8	11.5	8.9	6.2	3.6	1.0	3.6	6.2	8.9
92.5°	29.8	29.6	29.5	28.6	26.9	25.1	23.4	21.6	23.4	25.1	26.9
95°	61.6	61.1	60.9	59.8	57.6	55.5	53.3	51.1	53.3	55.5	57.6
97.5°	95.6	94.7	94.3	93.3	91.4	89.4	87.5	85.5	87.5	89.4	91.4
100°	133.6	132.9	132.6	131.7	130.0	128.3	126.5	124.8	126.5	128.3	130.0
102.5°	173.2	172.3	171.9	171.2	169.9	168.6	167.3	166.0	167.3	168.6	169.9
105°	214.8	214.4	214.2	213.9	213.2	212.5	211.9	211.2	211.9	212.5	213.2
107.5°	260.3	260.3	260.3	259.9	259.0	258.1	257.3	256.4	257.3	258.1	259.0
110°	305.5	305.5	305.5	304.8	303.5	302.2	300.9	299.6	300.9	302.2	303.5

TEST NUMBER: P999252

CATALOG NUMBER: SA2XXDIP-B865D925UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	352.4	352.6	352.7	352.0	350.7	349.4	348.1	346.8	348.1	349.4	350.7
115°	398.2	398.6	398.8	398.2	396.9	395.6	394.3	393.0	394.3	395.6	396.9
117.5°	445.4	446.5	447.0	446.1	444.4	442.6	440.9	439.1	440.9	442.6	444.4
120°	490.6	492.3	493.2	492.3	490.6	488.8	487.1	485.3	487.1	488.8	490.6
122.5°	535.8	536.9	537.4	536.3	534.1	531.9	529.7	527.5	529.7	531.9	534.1
125°	579.6	580.3	580.6	579.6	577.6	575.7	573.7	571.7	573.7	575.7	577.6
127.5°	624.5	625.4	625.8	624.6	622.2	619.8	617.4	615.0	617.4	619.8	622.2
130°	667.4	667.8	668.0	666.6	663.8	660.9	658.1	655.3	658.1	660.9	663.8
132.5°	710.6	710.4	710.3	709.2	707.0	704.8	702.6	700.4	702.6	704.8	707.0
135°	751.2	750.7	750.5	749.3	746.9	744.5	742.1	739.7	742.1	744.5	746.9
137.5°	792.5	792.0	791.8	790.8	788.9	786.9	785.0	783.0	785.0	786.9	788.9
140°	831.7	830.6	830.1	829.1	827.2	825.2	823.3	821.3	823.3	825.2	827.2
142.5°	870.4	869.7	869.4	868.4	866.5	864.5	862.6	860.6	862.6	864.5	866.5
145°	906.8	905.5	904.8	904.0	902.5	901.0	899.4	897.9	899.4	901.0	902.5
147.5°	941.4	940.5	940.1	939.1	937.2	935.2	933.3	931.3	933.3	935.2	937.2
150°	972.9	972.0	971.6	970.9	969.6	968.3	967.0	965.7	967.0	968.3	969.6
152.5°	1003.6	1002.5	1002.0	1001.3	1000.0	998.7	997.4	996.1	997.4	998.7	1000.0
155°	1030.5	1029.8	1029.5	1029.2	1028.5	1027.9	1027.2	1026.6	1027.2	1027.9	1028.5
157.5°	1055.7	1055.3	1055.1	1054.9	1054.4	1054.0	1053.5	1053.1	1053.5	1054.0	1054.4
160°	1079.0	1078.8	1078.7	1078.5	1078.0	1077.6	1077.1	1076.7	1077.1	1077.6	1078.0
162.5°	1098.6	1098.4	1098.3	1098.3	1098.3	1098.3	1098.3	1098.3	1098.3	1098.3	1098.3
165°	1116.0	1116.0	1116.0	1116.1	1116.3	1116.6	1116.8	1117.0	1116.8	1116.6	1116.3
167.5°	1130.7	1130.7	1130.7	1131.0	1131.7	1132.4	1133.0	1133.7	1133.0	1132.4	1131.7
170°	1143.2	1143.4	1143.5	1143.8	1144.5	1145.1	1145.8	1146.4	1145.8	1145.1	1144.5
172.5°	1152.0	1152.2	1152.3	1152.6	1153.3	1154.0	1154.6	1155.3	1154.6	1154.0	1153.3
175°	1158.6	1159.0	1159.2	1159.5	1160.2	1160.9	1161.5	1162.2	1161.5	1160.9	1160.2
177.5°	1162.5	1162.9	1163.1	1163.4	1164.1	1164.8	1165.4	1166.1	1165.4	1164.8	1164.1
180°	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1

TEST NUMBER: P999252

CATALOG NUMBER: SA2XXDIP-B865D925UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5
2.5°	1688.1	1694.7	1693.4	1680.2	1665.8	1654.0	1631.7	1634.3	1626.5	1627.8	1635.6
5°	1646.1	1646.1	1640.9	1622.5	1598.9	1585.8	1560.9	1554.3	1538.6	1537.3	1536.0
7.5°	1601.5	1595.0	1588.4	1562.2	1533.3	1512.3	1478.2	1470.4	1454.6	1444.1	1438.9
10°	1549.1	1539.9	1526.8	1496.6	1461.2	1435.0	1399.5	1389.1	1358.9	1345.8	1337.9
12.5°	1491.4	1486.1	1465.1	1440.2	1382.5	1353.6	1302.5	1313.0	1282.8	1256.6	1252.6
15°	1433.6	1414.0	1402.2	1361.5	1292.0	1278.9	1238.2	1217.2	1189.7	1168.7	1168.7
17.5°	1377.2	1347.1	1320.8	1277.6	1226.4	1189.7	1159.5	1149.0	1114.9	1093.9	1090.0
20°	1302.5	1268.4	1261.8	1200.2	1164.8	1124.1	1095.2	1069.0	1044.1	1034.9	1028.3
22.5°	1231.7	1192.3	1181.8	1129.3	1093.9	1053.3	1024.4	1006.0	987.7	981.1	969.3
25°	1155.6	1132.0	1116.2	1059.8	1020.5	982.4	962.8	949.6	932.6	931.3	923.4
27.5°	1082.1	1059.8	1044.1	990.3	961.4	926.0	910.3	895.9	886.7	882.7	878.8
30°	1019.2	994.2	975.9	936.5	901.1	872.3	859.1	850.0	844.7	838.2	836.8
32.5°	949.6	935.2	910.3	880.1	852.6	825.0	817.2	810.6	802.7	800.1	798.8
35°	890.6	870.9	855.2	821.1	809.3	785.7	776.5	771.3	760.8	758.1	755.5
37.5°	832.9	814.5	797.5	776.5	754.2	741.1	735.8	728.0	722.7	724.0	721.4
40°	775.2	760.8	747.6	725.3	712.2	705.7	695.2	687.3	684.7	686.0	684.7
42.5°	718.8	705.7	697.8	680.8	667.6	661.1	654.5	646.6	650.6	650.6	654.5
45°	667.6	655.8	650.6	637.5	629.6	619.1	612.5	611.2	616.5	615.2	615.2
47.5°	615.2	611.2	604.7	592.9	582.4	575.8	574.5	574.5	579.8	582.4	581.1
50°	574.5	566.6	558.8	549.6	541.7	539.1	535.2	537.8	543.0	543.0	545.7
52.5°	523.4	518.1	515.5	507.6	502.4	502.4	502.4	503.7	507.6	511.5	510.2
55°	478.8	474.8	472.2	468.3	461.7	463.0	461.7	464.3	468.3	472.2	474.8
57.5°	431.5	430.2	427.6	421.0	421.0	419.7	423.7	425.0	431.5	434.2	438.1
60°	389.6	385.6	385.6	380.4	380.4	380.4	384.3	388.3	393.5	394.8	397.4
62.5°	345.0	345.0	343.7	339.7	339.7	343.7	345.0	350.2	352.8	352.8	356.8
65°	303.0	301.7	300.4	301.7	303.0	303.0	306.9	309.6	312.2	313.5	314.8
67.5°	261.0	259.7	262.3	261.0	263.6	268.9	267.6	271.5	275.4	275.4	276.8
70°	221.7	224.3	223.0	225.6	224.3	226.9	230.9	232.2	232.2	233.5	237.4
72.5°	184.9	184.9	184.9	183.6	184.9	187.6	190.2	191.5	194.1	195.4	199.4
75°	149.5	149.5	146.9	149.5	149.5	152.2	154.8	154.8	154.8	157.4	161.3
77.5°	112.8	114.1	112.8	115.4	115.4	116.7	119.4	118.0	120.7	122.0	123.3
80°	82.6	81.3	81.3	81.3	82.6	82.6	85.3	86.6	86.6	90.5	87.9
82.5°	52.5	53.8	52.5	53.8	53.8	55.1	53.8	55.1	56.4	59.0	57.7
85°	30.2	28.9	28.9	30.2	28.9	28.9	30.2	28.9	30.2	28.9	30.2
87.5°	11.8	10.5	10.5	10.5	10.5	9.2	9.2	7.9	7.9	7.9	6.6
90°	11.5	12.8	15.2	20.0	24.8	29.6	34.4	34.0	33.5	33.1	32.6
92.5°	28.6	29.5	29.6	29.8	30.1	30.3	30.5	30.7	30.9	31.1	31.3
95°	59.8	60.9	61.1	61.6	62.0	62.5	62.9	62.9	62.9	62.9	62.9
97.5°	93.3	94.3	94.7	95.6	96.5	97.3	98.2	98.2	98.2	98.2	98.2
100°	131.7	132.6	132.9	133.6	134.3	134.9	135.6	135.6	135.6	135.6	135.6
102.5°	171.2	171.9	172.3	173.2	174.1	174.9	175.8	176.0	176.2	176.5	176.7
105°	213.9	214.2	214.4	214.8	215.3	215.7	216.1	216.5	217.0	217.4	217.9
107.5°	259.9	260.3	260.3	260.3	260.3	260.3	260.3	260.5	260.7	261.0	261.2
110°	304.8	305.5	305.5	305.5	305.5	305.5	305.5	305.5	305.5	305.5	305.5

TEST NUMBER: P999252

CATALOG NUMBER: SA2XXDIP-B865D925UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	352.0	352.7	352.6	352.4	352.1	351.9	351.7	351.0	350.4	349.7	349.0
115°	398.2	398.8	398.6	398.2	397.7	397.3	396.9	396.7	396.5	396.2	396.0
117.5°	446.1	447.0	446.5	445.4	444.3	443.2	442.1	441.4	440.8	440.1	439.4
120°	492.3	493.2	492.3	490.6	488.8	487.1	485.3	485.3	485.3	485.3	485.3
122.5°	536.3	537.4	536.9	535.8	534.7	533.6	532.5	531.8	531.2	530.5	529.8
125°	579.6	580.6	580.3	579.6	578.9	578.3	577.6	577.0	576.3	575.7	575.0
127.5°	624.6	625.8	625.4	624.5	623.6	622.8	621.9	621.0	620.1	619.2	618.3
130°	666.6	668.0	667.8	667.4	666.9	666.5	666.1	665.7	665.2	664.8	664.3
132.5°	709.2	710.3	710.4	710.6	710.8	711.0	711.2	710.1	709.0	707.9	706.8
135°	749.3	750.5	750.7	751.2	751.6	752.1	752.5	752.3	752.1	751.8	751.6
137.5°	790.8	791.8	792.0	792.5	792.9	793.4	793.8	793.6	793.4	793.1	792.9
140°	829.1	830.1	830.6	831.7	832.8	833.9	835.0	835.0	835.0	835.0	835.0
142.5°	868.4	869.4	869.7	870.4	871.1	871.7	872.4	872.6	872.8	873.0	873.2
145°	904.0	904.8	905.5	906.8	908.1	909.4	910.7	910.9	911.1	911.4	911.6
147.5°	939.1	940.1	940.5	941.4	942.3	943.2	944.1	944.5	944.9	945.4	945.8
150°	970.9	971.6	972.0	972.9	973.8	974.6	975.5	976.2	976.8	977.5	978.2
152.5°	1001.3	1002.0	1002.5	1003.6	1004.7	1005.8	1006.9	1007.8	1008.7	1009.6	1010.5
155°	1029.2	1029.5	1029.8	1030.5	1031.2	1031.8	1032.5	1033.6	1034.7	1035.8	1036.9
157.5°	1054.9	1055.1	1055.3	1055.7	1056.2	1056.6	1057.0	1058.5	1060.1	1061.6	1063.1
160°	1078.5	1078.7	1078.8	1079.0	1079.2	1079.4	1079.6	1080.9	1082.2	1083.5	1084.8
162.5°	1098.3	1098.3	1098.4	1098.6	1098.9	1099.1	1099.3	1100.8	1102.4	1103.9	1105.4
165°	1116.1	1116.0	1116.0	1116.0	1116.0	1116.0	1116.0	1117.5	1119.1	1120.6	1122.1
167.5°	1131.0	1130.7	1130.7	1130.7	1130.7	1130.7	1130.7	1132.2	1133.8	1135.3	1136.8
170°	1143.8	1143.5	1143.4	1143.2	1142.9	1142.7	1142.5	1144.0	1145.6	1147.1	1148.6
172.5°	1152.6	1152.3	1152.2	1152.0	1151.8	1151.6	1151.4	1152.9	1154.4	1155.9	1157.4
175°	1159.5	1159.2	1159.0	1158.6	1158.1	1157.7	1157.3	1158.8	1160.3	1161.8	1163.3
177.5°	1163.4	1163.1	1162.9	1162.5	1162.0	1161.6	1161.2	1162.5	1163.8	1165.1	1166.4
180°	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1

TEST NUMBER: P999252

CATALOG NUMBER: SA2XXDIP-B865D925UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5
2.5°	1626.5	1630.4	1621.2	1618.6	1621.2	1612.0	1614.7	1617.3	1617.3	1621.2	1623.8
5°	1532.0	1526.8	1517.6	1515.0	1512.3	1516.3	1513.7	1517.6	1518.9	1528.1	1529.4
7.5°	1438.9	1431.0	1423.2	1415.3	1412.7	1406.1	1412.7	1412.7	1421.8	1419.2	1425.8
10°	1328.7	1327.4	1316.9	1313.0	1307.7	1297.2	1311.7	1307.7	1314.3	1326.1	1328.7
12.5°	1247.4	1233.0	1239.5	1221.2	1227.7	1217.2	1218.5	1218.5	1229.0	1230.3	1227.7
15°	1170.0	1158.2	1141.1	1133.3	1129.3	1124.1	1141.1	1142.5	1134.6	1153.0	1146.4
17.5°	1091.3	1091.3	1075.6	1071.6	1061.1	1066.4	1063.8	1065.1	1062.4	1075.6	1082.1
20°	1023.1	1016.5	1011.3	1012.6	999.5	996.9	994.2	996.9	1006.0	1015.2	1017.9
22.5°	968.0	964.1	951.0	953.6	943.1	947.0	944.4	951.0	952.3	952.3	961.4
25°	915.5	910.3	911.6	906.4	902.4	902.4	898.5	902.4	907.7	910.3	911.6
27.5°	876.2	872.3	865.7	861.8	864.4	857.8	863.1	867.0	867.0	864.4	867.0
30°	829.0	831.6	831.6	818.5	823.7	821.1	825.0	827.7	827.7	829.0	826.3
32.5°	797.5	789.6	788.3	787.0	787.0	781.8	781.8	785.7	787.0	788.3	792.2
35°	755.5	755.5	749.0	752.9	747.6	749.0	747.6	749.0	751.6	747.6	751.6
37.5°	717.5	718.8	716.2	718.8	720.1	717.5	714.9	720.1	717.5	717.5	714.9
40°	684.7	683.4	684.7	684.7	684.7	686.0	683.4	683.4	683.4	680.8	678.1
42.5°	657.1	649.3	651.9	653.2	649.3	649.3	650.6	649.3	653.2	645.3	645.3
45°	617.8	615.2	616.5	616.5	619.1	615.2	617.8	619.1	615.2	613.9	611.2
47.5°	582.4	585.0	582.4	585.0	585.0	587.6	582.4	583.7	585.0	579.8	575.8
50°	547.0	547.0	550.9	549.6	550.9	548.3	548.3	547.0	548.3	545.7	541.7
52.5°	514.2	510.2	516.8	515.5	514.2	512.9	511.5	512.9	510.2	507.6	507.6
55°	473.5	473.5	477.4	478.8	478.8	476.1	473.5	474.8	473.5	472.2	470.9
57.5°	440.7	435.5	438.1	439.4	439.4	435.5	438.1	435.5	435.5	436.8	432.8
60°	398.7	398.7	396.1	400.1	400.1	397.4	397.4	398.7	396.1	394.8	393.5
62.5°	354.1	355.5	359.4	360.7	362.0	359.4	356.8	358.1	358.1	354.1	355.5
65°	316.1	318.7	324.0	322.7	320.0	321.4	318.7	320.0	316.1	317.4	313.5
67.5°	279.4	278.1	279.4	279.4	282.0	280.7	278.1	278.1	276.8	280.7	276.8
70°	240.0	240.0	240.0	240.0	241.3	242.7	240.0	237.4	238.7	236.1	234.8
72.5°	199.4	200.7	199.4	202.0	198.1	200.7	200.7	199.4	198.1	198.1	198.1
75°	161.3	164.0	160.0	161.3	160.0	162.6	161.3	161.3	158.7	157.4	158.7
77.5°	123.3	124.6	122.0	123.3	122.0	123.3	123.3	122.0	122.0	122.0	122.0
80°	87.9	89.2	87.9	86.6	85.3	87.9	85.3	86.6	87.9	86.6	89.2
82.5°	56.4	56.4	55.1	56.4	53.8	53.8	55.1	55.1	53.8	56.4	53.8
85°	27.5	27.5	30.2	27.5	26.2	26.2	26.2	27.5	26.2	28.9	27.5
87.5°	6.6	5.2	6.6	6.6	5.2	5.2	6.6	5.2	6.6	7.9	5.2
90°	32.4	32.5	32.7	33.0	33.2	33.4	33.2	33.0	32.7	32.5	32.4
92.5°	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
95°	62.9	62.7	62.2	61.8	61.3	60.9	61.3	61.8	62.2	62.7	62.9
97.5°	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
100°	135.6	135.5	135.3	135.0	134.8	134.6	134.8	135.0	135.3	135.5	135.6
102.5°	176.8	176.7	176.5	176.2	176.0	175.8	176.0	176.2	176.5	176.7	176.8
105°	218.1	218.1	218.1	218.1	218.1	218.1	218.1	218.1	218.1	218.1	218.1
107.5°	261.3	260.8	259.7	258.6	257.5	256.4	257.5	258.6	259.7	260.8	261.3
110°	305.5	305.2	304.5	303.9	303.2	302.6	303.2	303.9	304.5	305.2	305.5

TEST NUMBER: P999252

CATALOG NUMBER: SA2XXDIP-B865D925UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	348.7	348.5	348.1	347.6	347.2	346.8	347.2	347.6	348.1	348.5	348.7
115°	395.9	395.6	394.9	394.3	393.6	393.0	393.6	394.3	394.9	395.6	395.9
117.5°	439.1	438.8	438.1	437.5	436.8	436.2	436.8	437.5	438.1	438.8	439.1
120°	485.3	485.0	484.3	483.7	483.0	482.4	483.0	483.7	484.3	485.0	485.3
122.5°	529.5	529.3	528.8	528.4	527.9	527.5	527.9	528.4	528.8	529.3	529.5
125°	574.7	574.6	574.4	574.1	573.9	573.7	573.9	574.1	574.4	574.6	574.7
127.5°	617.9	617.6	616.9	616.3	615.6	615.0	615.6	616.3	616.9	617.6	617.9
130°	664.1	663.7	662.8	661.9	661.1	660.2	661.1	661.9	662.8	663.7	664.1
132.5°	706.3	706.0	705.3	704.7	704.0	703.4	704.0	704.7	705.3	706.0	706.3
135°	751.5	751.2	750.5	749.9	749.2	748.6	749.2	749.9	750.5	751.2	751.5
137.5°	792.8	792.4	791.5	790.6	789.8	788.9	789.8	790.6	791.5	792.4	792.8
140°	835.0	834.6	833.7	832.8	832.0	831.1	832.0	832.8	833.7	834.6	835.0
142.5°	873.3	872.9	872.0	871.1	870.3	869.4	870.3	871.1	872.0	872.9	873.3
145°	911.7	911.3	910.4	909.5	908.6	907.7	908.6	909.5	910.4	911.3	911.7
147.5°	946.0	945.6	944.7	943.8	943.0	942.1	943.0	943.8	944.7	945.6	946.0
150°	978.5	978.2	977.5	976.8	976.2	975.5	976.2	976.8	977.5	978.2	978.5
152.5°	1010.9	1010.5	1009.6	1008.7	1007.8	1006.9	1007.8	1008.7	1009.6	1010.5	1010.9
155°	1037.4	1037.1	1036.4	1035.8	1035.1	1034.5	1035.1	1035.8	1036.4	1037.1	1037.4
157.5°	1063.9	1063.4	1062.3	1061.2	1060.1	1059.0	1060.1	1061.2	1062.3	1063.4	1063.9
160°	1085.5	1085.1	1084.2	1083.3	1082.5	1081.6	1082.5	1083.3	1084.2	1085.1	1085.5
162.5°	1106.2	1105.7	1104.6	1103.5	1102.4	1101.3	1102.4	1103.5	1104.6	1105.7	1106.2
165°	1122.9	1122.4	1121.3	1120.2	1119.1	1118.0	1119.1	1120.2	1121.3	1122.4	1122.9
167.5°	1137.6	1137.1	1136.0	1134.9	1133.8	1132.7	1133.8	1134.9	1136.0	1137.1	1137.6
170°	1149.4	1148.7	1147.4	1146.1	1144.8	1143.5	1144.8	1146.1	1147.4	1148.7	1149.4
172.5°	1158.2	1157.5	1156.2	1154.9	1153.6	1152.3	1153.6	1154.9	1156.2	1157.5	1158.2
175°	1164.1	1163.4	1162.1	1160.8	1159.5	1158.2	1159.5	1160.8	1162.1	1163.4	1164.1
177.5°	1167.1	1166.4	1165.1	1163.8	1162.5	1161.2	1162.5	1163.8	1165.1	1166.4	1167.1
180°	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1

TEST NUMBER: P999252

CATALOG NUMBER: SA2XXDIP-B865D925UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5
2.5°	1619.9	1630.4	1626.5	1612.0	1629.1	1629.1	1640.9	1640.9	1655.3	1660.6	1668.4
5°	1528.1	1536.0	1542.5	1536.0	1547.8	1566.1	1576.6	1585.8	1605.5	1613.3	1625.2
7.5°	1429.7	1444.1	1450.7	1450.7	1470.4	1491.4	1512.3	1525.5	1553.0	1563.5	1575.3
10°	1334.0	1351.0	1364.1	1362.8	1395.6	1408.7	1435.0	1465.1	1492.7	1508.4	1525.5
12.5°	1233.0	1242.1	1260.5	1286.7	1294.6	1318.2	1348.4	1386.4	1436.3	1450.7	1475.6
15°	1149.0	1173.9	1188.4	1200.2	1218.5	1240.8	1273.6	1310.4	1360.2	1391.7	1417.9
17.5°	1078.2	1111.0	1120.2	1117.5	1141.1	1175.2	1213.3	1240.8	1285.4	1323.5	1348.4
20°	1020.5	1033.6	1049.3	1055.9	1074.3	1111.0	1147.7	1179.2	1215.9	1246.1	1274.9
22.5°	962.8	973.3	986.4	998.2	1012.6	1033.6	1069.0	1108.4	1143.8	1172.6	1205.4
25°	915.5	922.1	933.9	943.1	958.8	973.3	998.2	1041.5	1083.4	1100.5	1129.3
27.5°	869.6	874.9	882.7	893.2	901.1	915.5	937.8	973.3	1016.5	1033.6	1072.9
30°	829.0	832.9	840.8	846.0	850.0	867.0	884.1	911.6	944.4	968.0	996.9
32.5°	790.9	794.9	802.7	804.0	809.3	818.5	834.2	859.1	888.0	907.7	932.6
35°	749.0	751.6	759.5	762.1	766.0	773.9	785.7	804.0	830.3	844.7	867.0
37.5°	716.2	714.9	720.1	724.0	729.3	733.2	737.2	755.5	775.2	788.3	805.4
40°	680.8	678.1	679.4	684.7	687.3	692.6	692.6	710.9	724.0	734.5	747.6
42.5°	645.3	644.0	641.4	644.0	646.6	648.0	649.3	662.4	675.5	684.7	699.1
45°	609.9	608.6	606.0	607.3	607.3	609.9	613.9	619.1	628.3	636.2	644.0
47.5°	577.1	574.5	570.6	569.3	571.9	571.9	571.9	577.1	586.3	588.9	596.8
50°	543.0	539.1	533.8	531.2	531.2	529.9	532.5	533.8	541.7	544.3	550.9
52.5°	506.3	503.7	498.4	493.2	494.5	491.9	493.2	494.5	497.1	501.1	505.0
55°	469.6	464.3	460.4	459.1	455.1	455.1	451.2	456.5	455.1	456.5	461.7
57.5°	434.2	428.9	422.4	419.7	415.8	414.5	411.9	410.6	411.9	415.8	419.7
60°	392.2	389.6	385.6	381.7	379.1	375.1	372.5	372.5	371.2	371.2	372.5
62.5°	351.5	350.2	345.0	343.7	341.0	338.4	334.5	331.9	331.9	334.5	335.8
65°	312.2	310.9	306.9	305.6	299.1	296.4	295.1	293.8	291.2	291.2	291.2
67.5°	275.4	271.5	271.5	265.0	259.7	257.1	254.5	253.2	253.2	253.2	254.5
70°	234.8	234.8	230.9	226.9	221.7	223.0	219.0	215.1	215.1	212.5	213.8
72.5°	195.4	194.1	190.2	188.9	184.9	181.0	178.4	181.0	177.1	175.8	177.1
75°	157.4	156.1	153.5	150.8	152.2	148.2	144.3	143.0	143.0	140.3	140.3
77.5°	120.7	123.3	118.0	116.7	114.1	111.5	110.2	108.9	108.9	108.9	111.5
80°	83.9	85.3	85.3	82.6	83.9	80.0	80.0	80.0	76.1	77.4	78.7
82.5°	53.8	53.8	52.5	53.8	52.5	52.5	51.2	51.2	49.8	49.8	51.2
85°	30.2	28.9	27.5	30.2	28.9	28.9	27.5	27.5	27.5	27.5	27.5
87.5°	6.6	7.9	7.9	7.9	7.9	9.2	9.2	9.2	10.5	10.5	10.5
90°	32.6	33.1	33.5	34.0	34.4	29.6	24.8	20.0	15.2	12.8	11.5
92.5°	31.3	31.1	30.9	30.7	30.5	30.3	30.1	29.8	29.6	29.5	28.6
95°	62.9	62.9	62.9	62.9	62.9	62.5	62.0	61.6	61.1	60.9	59.8
97.5°	98.2	98.2	98.2	98.2	98.2	97.3	96.5	95.6	94.7	94.3	93.3
100°	135.6	135.6	135.6	135.6	135.6	134.9	134.3	133.6	132.9	132.6	131.7
102.5°	176.7	176.5	176.2	176.0	175.8	174.9	174.1	173.2	172.3	171.9	171.2
105°	217.9	217.4	217.0	216.5	216.1	215.7	215.3	214.8	214.4	214.2	213.9
107.5°	261.2	261.0	260.7	260.5	260.3	260.3	260.3	260.3	260.3	260.3	259.9
110°	305.5	305.5	305.5	305.5	305.5	305.5	305.5	305.5	305.5	305.5	304.8

TEST NUMBER: P999252

CATALOG NUMBER: SA2XXDIP-B865D925UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	349.0	349.7	350.4	351.0	351.7	351.9	352.1	352.4	352.6	352.7	352.0
115°	396.0	396.2	396.5	396.7	396.9	397.3	397.7	398.2	398.6	398.8	398.2
117.5°	439.4	440.1	440.8	441.4	442.1	443.2	444.3	445.4	446.5	447.0	446.1
120°	485.3	485.3	485.3	485.3	485.3	487.1	488.8	490.6	492.3	493.2	492.3
122.5°	529.8	530.5	531.2	531.8	532.5	533.6	534.7	535.8	536.9	537.4	536.3
125°	575.0	575.7	576.3	577.0	577.6	578.3	578.9	579.6	580.3	580.6	579.6
127.5°	618.3	619.2	620.1	621.0	621.9	622.8	623.6	624.5	625.4	625.8	624.6
130°	664.3	664.8	665.2	665.7	666.1	666.5	666.9	667.4	667.8	668.0	666.6
132.5°	706.8	707.9	709.0	710.1	711.2	711.0	710.8	710.6	710.4	710.3	709.2
135°	751.6	751.8	752.1	752.3	752.5	752.1	751.6	751.2	750.7	750.5	749.3
137.5°	792.9	793.1	793.4	793.6	793.8	793.4	792.9	792.5	792.0	791.8	790.8
140°	835.0	835.0	835.0	835.0	835.0	833.9	832.8	831.7	830.6	830.1	829.1
142.5°	873.2	873.0	872.8	872.6	872.4	871.7	871.1	870.4	869.7	869.4	868.4
145°	911.6	911.4	911.1	910.9	910.7	909.4	908.1	906.8	905.5	904.8	904.0
147.5°	945.8	945.4	944.9	944.5	944.1	943.2	942.3	941.4	940.5	940.1	939.1
150°	978.2	977.5	976.8	976.2	975.5	974.6	973.8	972.9	972.0	971.6	970.9
152.5°	1010.5	1009.6	1008.7	1007.8	1006.9	1005.8	1004.7	1003.6	1002.5	1002.0	1001.3
155°	1036.9	1035.8	1034.7	1033.6	1032.5	1031.8	1031.2	1030.5	1029.8	1029.5	1029.2
157.5°	1063.1	1061.6	1060.1	1058.5	1057.0	1056.6	1056.2	1055.7	1055.3	1055.1	1054.9
160°	1084.8	1083.5	1082.2	1080.9	1079.6	1079.4	1079.2	1079.0	1078.8	1078.7	1078.5
162.5°	1105.4	1103.9	1102.4	1100.8	1099.3	1099.1	1098.9	1098.6	1098.4	1098.3	1098.3
165°	1122.1	1120.6	1119.1	1117.5	1116.0	1116.0	1116.0	1116.0	1116.0	1116.0	1116.1
167.5°	1136.8	1135.3	1133.8	1132.2	1130.7	1130.7	1130.7	1130.7	1130.7	1130.7	1131.0
170°	1148.6	1147.1	1145.6	1144.0	1142.5	1142.7	1142.9	1143.2	1143.4	1143.5	1143.8
172.5°	1157.4	1155.9	1154.4	1152.9	1151.4	1151.6	1151.8	1152.0	1152.2	1152.3	1152.6
175°	1163.3	1161.8	1160.3	1158.8	1157.3	1157.7	1158.1	1158.6	1159.0	1159.2	1159.5
177.5°	1166.4	1165.1	1163.8	1162.5	1161.2	1161.6	1162.0	1162.5	1162.9	1163.1	1163.4
180°	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1

TEST NUMBER: P999252

CATALOG NUMBER: SA2XXDIP-B865D925UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1706.5	1706.5	1706.5	1706.5
2.5°	1675.0	1675.0	1694.7	1715.7
5°	1638.3	1647.4	1678.9	1707.8
7.5°	1602.9	1618.6	1657.9	1694.7
10°	1559.6	1580.6	1629.1	1672.4
12.5°	1517.6	1537.3	1593.7	1642.2
15°	1458.6	1483.5	1543.8	1604.2
17.5°	1399.5	1424.5	1497.9	1568.7
20°	1330.0	1362.8	1445.5	1539.9
22.5°	1265.8	1306.4	1398.2	1474.3
25°	1194.9	1257.9	1343.1	1441.5
27.5°	1132.0	1194.9	1281.5	1381.2
30°	1061.1	1125.4	1214.6	1306.4
32.5°	992.9	1052.0	1138.5	1251.3
35°	922.1	978.5	1062.4	1176.6
37.5°	857.8	912.9	1004.7	1109.7
40°	794.9	852.6	931.3	1036.2
42.5°	735.8	787.0	857.8	962.8
45°	682.1	718.8	784.4	882.7
47.5°	625.7	658.5	718.8	817.2
50°	573.2	600.7	653.2	745.0
52.5°	522.0	545.7	594.2	667.6
55°	476.1	498.4	533.8	606.0
57.5°	428.9	446.0	480.1	537.8
60°	383.0	398.7	426.3	473.5
62.5°	337.1	350.2	376.4	414.5
65°	296.4	306.9	326.6	359.4
67.5°	257.1	263.6	279.4	305.6
70°	219.0	224.3	237.4	258.4
72.5°	178.4	183.6	198.1	212.5
75°	144.3	145.6	156.1	167.9
77.5°	112.8	111.5	119.4	128.5
80°	77.4	81.3	87.9	91.8
82.5°	52.5	53.8	56.4	59.0
85°	28.9	30.2	30.2	34.1
87.5°	11.8	13.1	13.1	14.4
90°	8.9	6.2	3.6	1.0
92.5°	26.9	25.1	23.4	21.6
95°	57.6	55.5	53.3	51.1
97.5°	91.4	89.4	87.5	85.5
100°	130.0	128.3	126.5	124.8
102.5°	169.9	168.6	167.3	166.0
105°	213.2	212.5	211.9	211.2
107.5°	259.0	258.1	257.3	256.4
110°	303.5	302.2	300.9	299.6



TEST NUMBER: P999252

CATALOG NUMBER: SA2XXDIP-B865D925UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	350.7	349.4	348.1	346.8
115°	396.9	395.6	394.3	393.0
117.5°	444.4	442.6	440.9	439.1
120°	490.6	488.8	487.1	485.3
122.5°	534.1	531.9	529.7	527.5
125°	577.6	575.7	573.7	571.7
127.5°	622.2	619.8	617.4	615.0
130°	663.8	660.9	658.1	655.3
132.5°	707.0	704.8	702.6	700.4
135°	746.9	744.5	742.1	739.7
137.5°	788.9	786.9	785.0	783.0
140°	827.2	825.2	823.3	821.3
142.5°	866.5	864.5	862.6	860.6
145°	902.5	901.0	899.4	897.9
147.5°	937.2	935.2	933.3	931.3
150°	969.6	968.3	967.0	965.7
152.5°	1000.0	998.7	997.4	996.1
155°	1028.5	1027.9	1027.2	1026.6
157.5°	1054.4	1054.0	1053.5	1053.1
160°	1078.0	1077.6	1077.1	1076.7
162.5°	1098.3	1098.3	1098.3	1098.3
165°	1116.3	1116.6	1116.8	1117.0
167.5°	1131.7	1132.4	1133.0	1133.7
170°	1144.5	1145.1	1145.8	1146.4
172.5°	1153.3	1154.0	1154.6	1155.3
175°	1160.2	1160.9	1161.5	1162.2
177.5°	1164.1	1164.8	1165.4	1166.1
180°	1164.1	1164.1	1164.1	1164.1

TEST NUMBER: P999252

CATALOG NUMBER: SA2XXDIP-B865D925UB40-4F0-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	17.63	18.49	18.56	19.43	20.66	15.12	15.98	16.06	16.93	18.15
	3H	18.44	19.21	19.39	20.16	21.41	16.47	17.24	17.41	18.19	19.44
	4H	18.61	19.34	19.57	20.30	21.55	16.93	17.66	17.89	18.62	19.87
	6H	18.66	19.32	19.63	20.29	21.55	17.24	17.91	18.21	18.87	20.14
	8H	18.64	19.27	19.61	20.25	21.52	17.32	17.96	18.30	18.94	20.20
	12H	18.60	19.20	19.58	20.18	21.46	17.36	17.97	18.34	18.94	20.23
4H	2H	17.67	18.40	18.64	19.36	20.61	15.57	16.30	16.53	17.25	18.51
	3H	18.65	19.26	19.63	20.24	21.51	17.03	17.63	18.00	18.62	19.89
	4H	18.93	19.48	19.91	20.46	21.75	17.56	18.12	18.55	19.10	20.39
	6H	19.06	19.53	20.05	20.54	21.83	17.94	18.42	18.94	19.42	20.71
	8H	19.06	19.50	20.05	20.50	21.80	18.05	18.50	19.05	19.50	20.80
	12H	19.02	19.42	20.04	20.44	21.74	18.11	18.51	19.12	19.52	20.83
8H	4H	18.94	19.38	19.93	20.38	21.68	17.71	18.15	18.70	19.15	20.45
	6H	19.12	19.48	20.14	20.52	21.82	18.14	18.51	19.16	19.55	20.85
	8H	19.15	19.47	20.18	20.50	21.82	18.29	18.61	19.32	19.64	20.96
	12H	19.13	19.41	20.16	20.44	21.80	18.38	18.67	19.42	19.69	21.05
12H	4H	18.90	19.29	19.91	20.31	21.62	17.68	18.08	18.70	19.09	20.40
	6H	19.10	19.42	20.12	20.44	21.77	18.14	18.46	19.17	19.49	20.81
	8H	19.13	19.41	20.16	20.43	21.80	18.30	18.58	19.33	19.60	20.97