

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: P999151

Luminaire Tested: SA2XXDIP-B865D725UB27-4F0-XX-W2A-A4

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P999151
REPORT IS A COMBINATION OF REPORTS P984900 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXDIP-B865D725UB27-4F0-XX-W2A-A4
Description: Define 2 Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

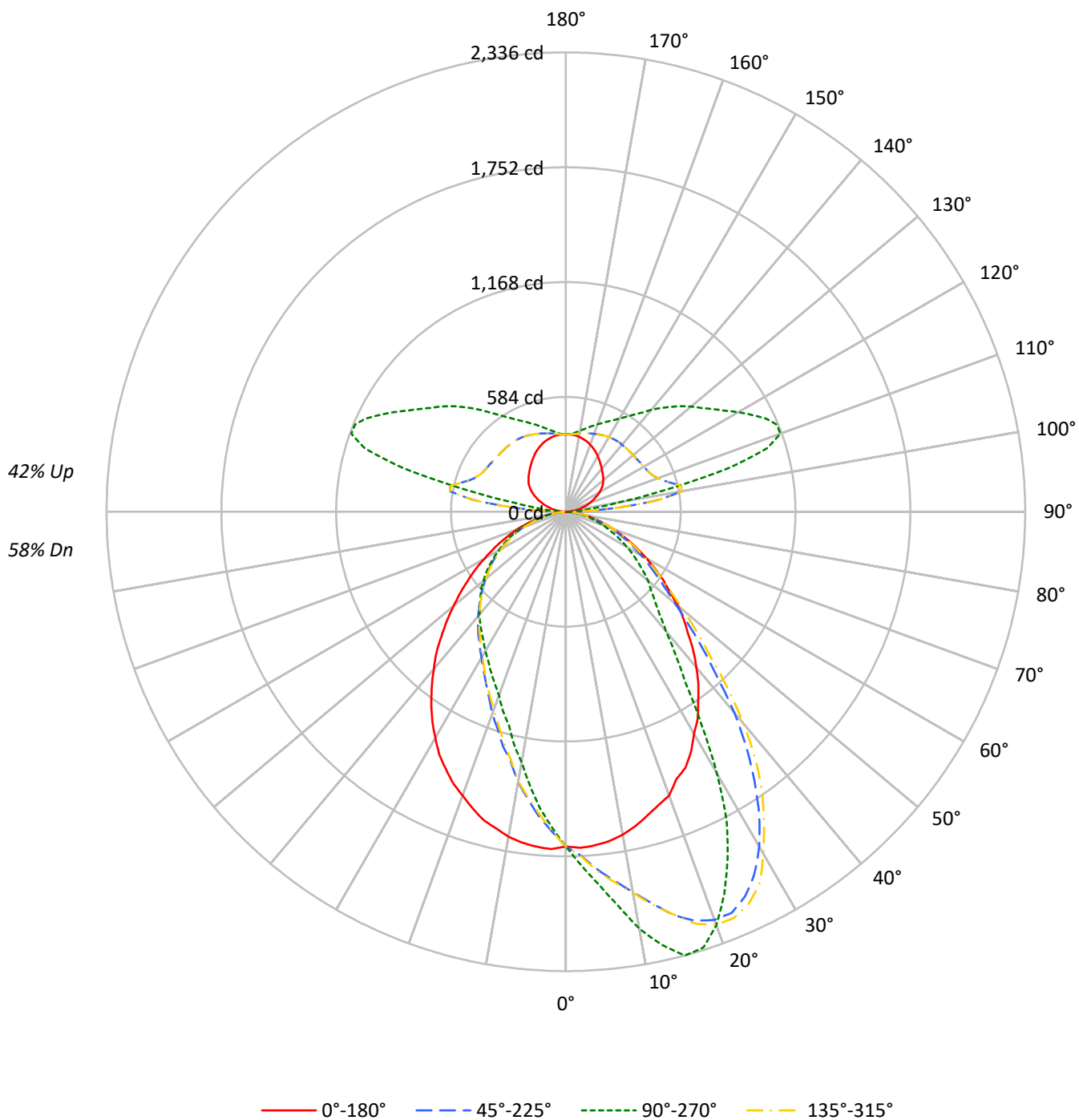
Lumens per Lamp: N/A
Luminaire Lumens: 6497.0 lumens
Efficiency: N/A
Efficacy: 95.7 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 67.9
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P999151

CATALOG NUMBER: SA2XXDIP-B865D725UB27-4F0-XX-W2A-A4

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	102	102	102	102	88	88	88	75	75	75	63	63	63
1	100	96	92	89	93	90	86	83	78	75	73	67	65	64	57	56	55
2	92	84	78	73	85	79	74	69	69	65	62	59	57	54	51	49	47
3	84	75	68	62	78	70	64	59	61	56	52	53	49	46	45	43	40
4	77	67	59	53	72	62	56	50	55	49	45	48	44	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	31	28
7	61	49	41	35	57	46	39	34	41	35	31	36	31	28	31	28	25
8	57	44	37	32	53	42	35	30	37	32	28	33	28	25	29	25	23
9	53	41	33	28	49	39	32	27	34	29	25	30	26	23	27	23	20
10	49	38	30	26	46	36	29	25	32	26	23	28	24	21	25	21	19

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	26934	26934	26934	26934
5°	26998	28717	27101	22848
10°	26685	31350	26851	18836
15°	26038	33067	26399	15866
20°	25631	31047	25631	13791
25°	24814	26673	24926	12333
30°	23470	20967	23917	11171
35°	22279	14498	22651	10221
40°	20911	10946	21150	9463
45°	19224	8995	19538	8646
50°	17763	7896	17796	7915
55°	16100	6728	16204	7120
60°	14326	5619	14526	6215
65°	12737	4571	12972	5307
70°	11156	3586	11442	4279
75°	9364	2603	9728	3105
80°	7305	1650	7832	1842
85°	4803	830	5170	616

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 27842 cd/sqm

TEST NUMBER: P999151

CATALOG NUMBER: SA2XXDIP-B865D725UB27-4F0-XX-W2A-A4

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	162.1	2.5
10°-20°	471.7	7.3
20°-30°	684.6	10.5
30°-40°	721.7	11.1
40°-50°	638.6	9.8
50°-60°	509.9	7.8
60°-70°	346.4	5.3
70°-80°	177.2	2.7
80°-90°	44.4	0.7
90°-100°	153.4	2.4
100°-110°	540.2	8.3
110°-120°	567.4	8.7
120°-130°	466.8	7.2
130°-140°	375.0	5.8
140°-150°	283.2	4.4
150°-160°	199.1	3.1
160°-170°	117.2	1.8
170°-180°	38.1	0.6
0°-30°	1318.3	20.3
0°-40°	2040.0	31.4
0°-60°	3188.6	49.1
0°-90°	3756.5	57.8
90°-120°	1261.0	19.4
90°-150°	2386.0	36.7
90°-180°	2740.0	42.2
0°-180°	6497.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1702	1702	1702	1702	1702	
5°	1703	1900	1709	1512	1703	161
15°	1600	2336	1622	1121	1600	452
25°	1437	1946	1444	900	1437	657
35°	1173	1059	1193	747	1173	734
45°	880	638	895	613	880	683
55°	604	449	608	475	604	539
65°	358	276	365	320	358	356
75°	167	136	174	162	167	180
85°	34	35	37	26	34	40
90°	1	25	1	25	1	4
95°	26	86	26	86	26	27
105°	92	853	92	853	92	98
115°	163	1122	163	1122	163	161
125°	227	910	227	910	227	202
135°	266	754	266	754	266	206
145°	304	602	304	602	304	191
155°	346	506	346	506	346	159
165°	377	444	377	444	377	106
175°	393	400	393	400	393	37
180°	394	394	394	394	394	

TEST NUMBER: P999151

CATALOG NUMBER: SA2XXDIP-B865D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5
2.5°	1710.6	1714.6	1721.1	1722.4	1735.5	1746.0	1757.7	1757.7	1761.6	1760.3	1749.9
5°	1702.8	1714.6	1731.6	1746.0	1769.5	1780.0	1795.7	1807.4	1817.9	1825.7	1824.4
7.5°	1689.7	1710.6	1735.5	1763.0	1794.3	1812.7	1834.9	1855.8	1870.2	1883.3	1892.4
10°	1667.5	1702.8	1736.8	1773.4	1814.0	1838.8	1865.0	1892.4	1914.7	1939.5	1963.1
12.5°	1637.4	1688.4	1730.3	1778.6	1828.3	1855.8	1897.7	1918.6	1961.7	2024.5	2041.5
15°	1599.5	1668.8	1708.0	1769.5	1834.9	1857.1	1914.7	1948.7	2037.6	2076.8	2123.9
17.5°	1564.2	1641.3	1693.6	1764.3	1828.3	1871.5	1927.7	1997.1	2071.6	2127.8	2180.2
20°	1535.4	1609.9	1672.7	1751.2	1832.3	1887.2	1946.1	2029.8	2110.8	2168.4	2208.9
22.5°	1470.0	1565.5	1638.7	1726.3	1824.4	1900.3	1956.5	2048.1	2135.7	2171.0	2206.3
25°	1437.3	1519.7	1604.7	1704.1	1819.2	1909.4	1957.8	2059.8	2137.0	2150.1	2157.9
27.5°	1377.1	1470.0	1569.4	1683.2	1817.9	1893.7	1955.2	2048.1	2109.5	2100.4	2076.8
30°	1302.6	1416.4	1526.2	1649.2	1799.6	1882.0	1939.5	2024.5	2055.9	2008.8	1967.0
32.5°	1247.7	1354.9	1476.5	1619.1	1778.6	1857.1	1913.4	1980.1	1986.6	1901.6	1831.0
35°	1173.1	1292.1	1429.5	1579.9	1743.3	1814.0	1866.3	1906.8	1875.4	1756.4	1672.7
37.5°	1106.4	1224.1	1370.6	1523.6	1694.9	1764.3	1806.1	1812.7	1735.5	1630.9	1507.9
40°	1033.2	1154.8	1307.8	1468.7	1641.3	1701.5	1727.6	1708.0	1596.9	1475.2	1332.7
42.5°	959.9	1080.3	1245.1	1409.8	1573.3	1624.3	1634.8	1581.2	1445.2	1302.6	1137.8
45°	880.2	1005.7	1170.5	1336.6	1494.9	1523.6	1524.9	1447.8	1286.9	1137.8	984.8
47.5°	814.8	931.2	1094.7	1260.7	1394.1	1413.8	1405.9	1317.0	1141.7	974.3	840.9
50°	742.8	854.0	1016.2	1179.7	1293.4	1298.7	1279.1	1152.2	980.9	827.9	721.9
52.5°	665.7	778.2	927.3	1084.2	1186.2	1178.4	1140.4	1004.4	843.6	716.7	635.6
55°	604.2	703.6	843.6	996.6	1068.5	1046.3	1004.4	865.8	738.9	631.7	561.1
57.5°	536.2	623.8	761.2	894.6	936.4	915.5	873.6	744.2	626.5	545.4	498.3
60°	472.1	551.9	672.2	783.4	816.1	793.9	745.5	629.1	544.1	476.1	440.7
62.5°	413.3	482.6	583.3	685.3	698.4	676.1	634.3	540.1	466.9	413.3	387.1
65°	358.3	423.7	504.8	582.0	593.8	570.2	527.1	459.0	397.6	363.6	338.7
67.5°	304.7	357.0	429.0	485.2	491.7	469.5	434.2	379.3	341.3	304.7	286.4
70°	257.6	296.9	353.1	398.9	401.5	380.6	362.3	312.6	283.8	257.6	243.3
72.5°	211.9	239.3	282.5	316.5	317.8	304.7	287.7	256.3	231.5	213.2	198.8
75°	167.4	190.9	217.1	247.2	245.9	235.4	222.3	202.7	181.8	170.0	163.5
77.5°	128.2	142.6	163.5	183.1	183.1	177.9	170.0	155.6	142.6	130.8	124.2
80°	91.5	100.7	117.7	124.2	126.9	125.6	119.0	108.5	103.3	94.2	91.5
82.5°	58.9	65.4	73.2	79.8	83.7	81.1	79.8	74.5	66.7	64.1	61.5
85°	34.0	36.6	40.5	44.5	45.8	44.5	47.1	43.2	39.2	39.2	37.9
87.5°	14.4	15.7	18.3	18.3	19.6	19.6	18.3	19.6	19.6	18.3	17.0
90°	0.8	3.0	6.1	7.6	9.1	10.2	11.4	15.1	20.4	25.0	25.7
92.5°	11.4	15.9	21.9	25.7	31.8	36.0	40.1	60.5	89.3	115.0	116.5
95°	26.5	29.5	37.1	43.9	56.0	65.1	74.2	109.0	174.8	262.6	296.7
97.5°	39.4	43.9	52.2	62.1	75.7	85.9	96.1	140.8	232.3	373.8	483.6
100°	58.3	60.5	67.4	79.5	94.6	105.2	115.8	155.9	248.2	411.7	597.8
102.5°	75.7	77.2	84.0	96.1	112.0	122.6	133.2	169.5	249.0	397.3	601.6
105°	92.3	95.4	100.6	112.0	128.7	139.2	149.8	185.4	252.8	377.6	560.8
107.5°	110.5	112.8	118.1	128.7	145.3	155.9	166.5	201.3	261.1	367.0	522.9
110°	128.7	131.7	136.2	146.1	161.9	172.9	183.9	217.2	271.7	364.0	497.2

TEST NUMBER: P999151

CATALOG NUMBER: SA2XXDIP-B865D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

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

TEST NUMBER: P999151

CATALOG NUMBER: SA2XXDIP-B865D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5
2.5°	1768.2	1769.5	1772.1	1785.2	1791.7	1793.0	1787.8	1799.6	1803.5	1799.6	1797.0
5°	1851.9	1859.7	1875.4	1892.4	1891.1	1892.4	1900.3	1908.1	1910.7	1900.3	1904.2
7.5°	1925.1	1940.8	1957.8	1984.0	1984.0	1997.1	2002.3	2008.8	2024.5	2016.7	2014.1
10°	2008.8	2029.8	2061.1	2103.0	2104.3	2117.4	2130.5	2151.4	2157.9	2152.7	2155.3
12.5°	2113.5	2154.0	2156.6	2202.4	2223.3	2225.9	2246.9	2242.9	2256.0	2256.0	2278.2
15°	2159.2	2222.0	2257.3	2301.8	2314.9	2299.2	2316.2	2334.5	2335.8	2335.8	2334.5
17.5°	2241.6	2266.5	2301.8	2325.3	2330.6	2330.6	2331.9	2339.7	2334.5	2324.0	2331.9
20°	2258.6	2269.1	2282.2	2279.5	2282.2	2269.1	2256.0	2242.9	2244.2	2237.7	2257.3
22.5°	2227.2	2224.6	2194.5	2174.9	2174.9	2148.8	2123.9	2112.1	2100.4	2104.3	2110.8
25°	2148.8	2108.2	2071.6	2042.8	2036.3	1994.4	1960.4	1950.0	1930.4	1946.1	1948.7
27.5°	2023.2	1977.4	1918.6	1893.7	1859.7	1842.7	1819.2	1787.8	1747.3	1770.8	1766.9
30°	1888.5	1820.5	1772.1	1712.0	1658.3	1654.4	1609.9	1557.6	1536.7	1536.7	1548.5
32.5°	1738.1	1647.9	1577.2	1492.2	1439.9	1417.7	1364.1	1311.8	1323.5	1284.3	1298.7
35°	1562.9	1443.8	1354.9	1272.5	1233.3	1207.1	1137.8	1109.0	1077.7	1059.3	1093.3
37.5°	1395.5	1258.1	1144.4	1054.1	1039.7	992.6	945.6	927.3	908.9	916.8	915.5
40°	1191.4	1069.8	967.8	897.2	872.3	850.1	818.7	796.5	784.7	791.2	792.5
42.5°	1007.0	905.0	829.2	779.5	758.5	742.8	727.2	708.8	704.9	704.9	710.2
45°	864.5	780.8	729.8	689.2	677.5	665.7	653.9	646.1	643.5	638.2	642.1
47.5°	750.7	684.0	652.6	622.5	609.4	606.8	596.4	592.4	587.2	585.9	587.2
50°	655.2	613.4	584.6	567.6	558.4	554.5	549.3	541.4	538.8	545.4	542.7
52.5°	588.5	549.3	533.6	516.6	511.4	506.1	498.3	499.6	498.3	495.7	495.7
55°	521.8	497.0	481.3	468.2	466.9	461.7	455.1	452.5	451.2	448.6	452.5
57.5°	468.2	448.6	434.2	422.4	417.2	417.2	410.7	405.4	405.4	404.1	405.4
60°	414.6	395.0	385.8	374.0	370.1	368.8	364.9	362.3	358.3	358.3	358.3
62.5°	364.9	349.2	338.7	328.3	329.6	323.0	317.8	315.2	315.2	316.5	316.5
65°	317.8	307.3	294.3	285.1	282.5	281.2	278.6	277.3	273.3	276.0	276.0
67.5°	274.6	260.3	252.4	248.5	244.6	243.3	240.6	238.0	236.7	235.4	238.0
70°	231.5	219.7	213.2	210.6	206.6	205.3	204.0	200.1	201.4	202.7	204.0
72.5°	192.3	181.8	180.5	172.6	172.6	172.6	167.4	170.0	168.7	166.1	168.7
75°	151.7	146.5	143.9	139.9	141.2	139.9	138.6	134.7	134.7	136.0	137.3
77.5°	120.3	115.1	113.8	109.9	107.2	109.9	107.2	105.9	105.9	107.2	107.2
80°	88.9	86.3	82.4	82.4	82.4	81.1	81.1	81.1	79.8	78.5	79.8
82.5°	58.9	58.9	57.5	56.2	57.5	54.9	56.2	56.2	56.2	56.2	56.2
85°	37.9	36.6	36.6	35.3	35.3	35.3	36.6	34.0	34.0	35.3	35.3
87.5°	17.0	17.0	17.0	18.3	17.0	17.0	17.0	18.3	17.0	17.0	17.0
90°	25.0	24.2	22.7	24.2	24.6	25.0	25.0	25.0	25.0	25.0	25.0
92.5°	97.6	76.4	65.1	56.8	53.8	50.7	49.9	46.9	47.7	46.2	47.7
95°	259.6	198.3	152.1	120.3	112.0	103.7	93.8	87.8	85.5	86.3	85.5
97.5°	487.4	405.6	323.9	247.5	224.8	202.1	172.5	157.4	149.1	144.5	149.1
100°	706.8	690.9	597.1	493.4	447.6	401.8	339.0	306.5	284.5	270.9	284.5
102.5°	788.5	877.8	874.8	806.0	756.8	707.6	638.0	576.7	547.9	528.2	547.9
105°	762.1	919.5	1005.0	1014.8	1002.3	989.8	942.9	896.0	863.5	852.9	863.5
107.5°	706.1	874.8	1002.0	1076.1	1091.2	1106.4	1105.6	1098.8	1089.0	1071.6	1089.0
110°	653.8	813.5	949.0	1045.9	1076.9	1107.9	1140.4	1154.8	1161.6	1160.9	1161.6

TEST NUMBER: P999151

CATALOG NUMBER: SA2XXDIP-B865D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

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

TEST NUMBER: P999151

CATALOG NUMBER: SA2XXDIP-B865D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5
2.5°	1803.5	1794.3	1786.5	1787.8	1794.3	1789.1	1776.0	1759.0	1752.5	1744.6	1752.5
5°	1912.0	1904.2	1888.5	1889.8	1885.9	1880.7	1859.7	1833.6	1833.6	1812.7	1810.0
7.5°	2019.3	2007.5	1997.1	1994.4	1980.1	1969.6	1951.3	1914.7	1900.3	1875.4	1861.0
10°	2139.6	2130.5	2118.7	2104.3	2096.5	2078.1	2048.1	1994.4	1968.3	1934.3	1909.4
12.5°	2261.2	2259.9	2233.8	2205.0	2203.7	2174.9	2154.0	2082.1	2046.8	2001.0	1942.1
15°	2338.4	2331.9	2317.5	2303.1	2307.0	2275.6	2228.5	2143.5	2120.0	2065.1	2002.3
17.5°	2337.1	2337.1	2333.2	2330.6	2326.6	2317.5	2291.3	2235.1	2197.2	2127.8	2069.0
20°	2262.5	2279.5	2283.5	2282.2	2295.2	2301.8	2300.5	2265.2	2235.1	2173.6	2113.5
22.5°	2113.5	2152.7	2169.7	2180.2	2207.6	2222.0	2256.0	2242.9	2235.1	2189.3	2138.3
25°	1974.8	1987.9	2038.9	2041.5	2079.5	2114.8	2148.8	2171.0	2199.8	2182.8	2139.6
27.5°	1795.7	1825.7	1862.4	1889.8	1897.7	1969.6	2025.8	2067.7	2133.1	2138.3	2123.9
30°	1592.9	1607.3	1667.5	1704.1	1746.0	1798.3	1879.4	1951.3	2010.1	2063.8	2082.1
32.5°	1345.8	1404.6	1439.9	1484.4	1521.0	1613.9	1713.3	1806.1	1874.1	1964.4	2003.6
35°	1119.5	1165.3	1225.4	1243.7	1310.4	1388.9	1518.4	1637.4	1740.7	1832.3	1912.0
37.5°	932.5	969.1	1033.2	1062.0	1101.2	1201.9	1310.4	1458.2	1582.5	1694.9	1794.3
40°	804.3	831.8	880.2	889.3	922.0	1013.6	1101.2	1239.8	1404.6	1556.3	1664.9
42.5°	716.7	729.8	762.5	774.2	795.2	856.6	935.1	1065.9	1218.9	1375.8	1528.9
45°	653.9	663.1	682.7	693.2	719.3	746.8	810.9	915.5	1035.8	1194.0	1358.8
47.5°	597.7	609.4	617.3	623.8	638.2	668.3	710.2	787.3	902.4	1047.6	1207.1
50°	550.6	554.5	568.9	570.2	579.4	599.0	638.2	685.3	776.9	894.6	1048.9
52.5°	503.5	507.4	516.6	525.7	529.7	545.4	571.5	610.8	678.8	771.6	908.9
55°	456.4	461.7	470.8	477.4	481.3	494.4	510.1	548.0	601.6	667.0	779.5
57.5°	409.4	421.1	423.7	427.7	434.2	448.6	463.0	485.2	527.1	587.2	669.6
60°	364.9	368.8	378.0	381.9	388.4	396.3	414.6	431.6	461.7	508.7	583.3
62.5°	319.1	328.3	332.2	336.1	341.3	350.5	362.3	380.6	406.7	444.7	503.5
65°	279.9	281.2	289.0	294.3	299.5	306.0	317.8	334.8	350.5	385.8	429.0
67.5°	241.9	244.6	247.2	252.4	259.0	265.5	276.0	285.1	304.7	328.3	362.3
70°	205.3	205.3	211.9	215.8	214.5	222.3	230.2	240.6	255.0	277.3	304.7
72.5°	172.6	171.3	176.6	177.9	180.5	185.7	190.9	201.4	209.3	226.3	247.2
75°	137.3	139.9	142.6	142.6	146.5	150.4	155.6	160.9	170.0	180.5	196.2
77.5°	108.5	108.5	111.2	112.5	116.4	115.1	120.3	125.6	132.1	141.2	153.0
80°	79.8	82.4	82.4	82.4	83.7	85.0	90.2	94.2	98.1	104.6	109.9
82.5°	56.2	56.2	58.9	58.9	58.9	61.5	61.5	62.8	65.4	69.3	73.2
85°	35.3	35.3	35.3	36.6	35.3	36.6	39.2	37.9	39.2	41.9	41.9
87.5°	17.0	17.0	17.0	17.0	17.0	18.3	17.0	18.3	19.6	19.6	19.6
90°	25.0	25.0	25.0	24.6	24.2	22.7	24.2	25.0	25.7	25.0	20.4
92.5°	46.9	49.9	50.7	53.8	56.8	65.1	76.4	97.6	116.5	115.0	89.3
95°	87.8	93.8	103.7	112.0	120.3	152.1	198.3	259.6	296.7	262.6	174.8
97.5°	157.4	172.5	202.1	224.8	247.5	323.9	405.6	487.4	483.6	373.8	232.3
100°	306.5	339.0	401.8	447.6	493.4	597.1	690.9	706.8	597.8	411.7	248.2
102.5°	576.7	638.0	707.6	756.8	806.0	874.8	877.8	788.5	601.6	397.3	249.0
105°	896.0	942.9	989.8	1002.3	1014.8	1005.0	919.5	762.1	560.8	377.6	252.8
107.5°	1098.8	1105.6	1106.4	1091.2	1076.1	1002.0	874.8	706.1	522.9	367.0	261.1
110°	1154.8	1140.4	1107.9	1076.9	1045.9	949.0	813.5	653.8	497.2	364.0	271.7

TEST NUMBER: P999151

CATALOG NUMBER: SA2XXDIP-B865D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

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

TEST NUMBER: P999151

CATALOG NUMBER: SA2XXDIP-B865D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5
2.5°	1746.0	1739.4	1735.5	1738.1	1730.3	1710.6	1710.6	1717.2	1709.3	1701.5	1689.7
5°	1794.3	1781.3	1773.4	1772.1	1753.8	1722.4	1715.9	1709.3	1692.3	1674.0	1654.4
7.5°	1841.4	1817.9	1804.8	1795.7	1769.5	1729.0	1712.0	1697.6	1670.1	1642.6	1617.8
10°	1880.7	1846.7	1831.0	1816.6	1782.6	1731.6	1704.1	1677.9	1642.6	1607.3	1575.9
12.5°	1912.0	1872.8	1853.2	1832.3	1790.4	1723.7	1689.7	1647.9	1612.6	1565.5	1534.1
15°	1964.4	1883.3	1865.0	1845.3	1802.2	1710.6	1668.8	1621.7	1573.3	1510.5	1476.5
17.5°	2006.2	1897.7	1896.4	1854.5	1798.3	1705.4	1641.3	1579.9	1527.5	1464.8	1411.1
20°	2031.1	1919.9	1899.0	1855.8	1785.2	1670.1	1603.4	1535.4	1479.2	1403.3	1349.7
22.5°	2052.0	1951.3	1896.4	1844.0	1757.7	1658.3	1560.2	1496.2	1419.0	1336.6	1285.6
25°	2059.8	1957.8	1900.3	1840.1	1738.1	1624.3	1513.2	1443.8	1357.5	1283.0	1213.7
27.5°	2061.1	1956.5	1885.9	1823.1	1710.6	1579.9	1466.1	1392.8	1297.4	1211.1	1141.7
30°	2048.1	1942.1	1878.0	1810.0	1684.5	1539.3	1408.5	1327.4	1225.4	1139.1	1067.2
32.5°	2008.8	1913.4	1861.0	1786.5	1650.5	1483.1	1353.6	1263.4	1156.1	1071.1	1001.8
35°	1943.4	1878.0	1820.5	1751.2	1606.0	1430.8	1298.7	1192.7	1084.2	1003.1	937.7
37.5°	1862.4	1827.0	1773.4	1705.4	1555.0	1383.7	1237.2	1119.5	1011.0	932.5	868.4
40°	1752.5	1761.6	1709.3	1647.9	1494.9	1319.6	1157.4	1045.0	942.9	869.7	806.9
42.5°	1633.5	1671.4	1641.3	1582.5	1428.2	1249.0	1098.6	974.3	874.9	799.1	746.8
45°	1505.3	1570.7	1552.4	1509.2	1358.8	1174.4	1014.9	894.6	806.9	733.7	687.9
47.5°	1365.4	1458.2	1458.2	1426.8	1281.7	1099.9	942.9	820.0	733.7	681.4	636.9
50°	1222.8	1327.4	1344.4	1323.5	1195.4	1014.9	855.3	744.2	669.6	618.6	585.9
52.5°	1073.7	1195.4	1226.7	1216.3	1103.8	933.8	783.4	674.8	606.8	562.4	533.6
55°	931.2	1072.4	1106.4	1110.3	1005.7	844.9	703.6	608.1	542.7	512.7	487.8
57.5°	796.5	932.5	970.4	976.9	906.3	763.8	629.1	545.4	486.5	461.7	442.0
60°	681.4	795.2	844.9	859.2	797.8	669.6	559.8	478.7	434.2	410.7	392.3
62.5°	587.2	678.8	731.1	735.0	707.5	587.2	487.8	419.8	381.9	361.0	351.8
65°	495.7	578.1	609.4	625.1	602.9	508.7	421.1	364.9	334.8	316.5	307.3
67.5°	422.4	474.7	500.9	521.8	499.6	429.0	358.3	312.6	290.3	272.0	266.8
70°	346.6	389.7	409.4	430.3	410.7	357.0	306.0	264.2	244.6	230.2	223.6
72.5°	277.3	311.3	329.6	342.7	330.9	286.4	244.6	215.8	201.4	190.9	187.0
75°	219.7	243.3	253.7	262.9	257.6	223.6	197.5	173.9	160.9	151.7	149.1
77.5°	167.4	184.4	196.2	198.8	192.3	170.0	147.8	133.4	122.9	117.7	115.1
80°	119.0	129.5	136.0	139.9	133.4	124.2	108.5	98.1	88.9	82.4	81.1
82.5°	79.8	85.0	90.2	88.9	86.3	78.5	69.3	64.1	60.2	54.9	54.9
85°	45.8	47.1	49.7	51.0	49.7	44.5	39.2	36.6	34.0	30.1	30.1
87.5°	19.6	20.9	20.9	22.2	19.6	19.6	17.0	14.4	14.4	13.1	11.8
90°	15.1	11.4	10.2	9.1	7.6	6.1	3.0	0.8	3.0	6.1	7.6
92.5°	60.5	40.1	36.0	31.8	25.7	21.9	15.9	11.4	15.9	21.9	25.7
95°	109.0	74.2	65.1	56.0	43.9	37.1	29.5	26.5	29.5	37.1	43.9
97.5°	140.8	96.1	85.9	75.7	62.1	52.2	43.9	39.4	43.9	52.2	62.1
100°	155.9	115.8	105.2	94.6	79.5	67.4	60.5	58.3	60.5	67.4	79.5
102.5°	169.5	133.2	122.6	112.0	96.1	84.0	77.2	75.7	77.2	84.0	96.1
105°	185.4	149.8	139.2	128.7	112.0	100.6	95.4	92.3	95.4	100.6	112.0
107.5°	201.3	166.5	155.9	145.3	128.7	118.1	112.8	110.5	112.8	118.1	128.7
110°	217.2	183.9	172.9	161.9	146.1	136.2	131.7	128.7	131.7	136.2	146.1

TEST NUMBER: P999151

CATALOG NUMBER: SA2XXDIP-B865D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

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

TEST NUMBER: P999151

CATALOG NUMBER: SA2XXDIP-B865D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5
2.5°	1683.2	1689.7	1688.4	1675.3	1660.9	1649.2	1626.9	1629.6	1621.7	1623.0	1630.9
5°	1641.3	1641.3	1636.1	1617.8	1594.2	1581.2	1556.3	1549.8	1534.1	1532.8	1531.5
7.5°	1596.9	1590.3	1583.8	1557.6	1528.9	1507.9	1473.9	1466.1	1450.4	1439.9	1434.7
10°	1544.5	1535.4	1522.3	1492.2	1456.9	1430.8	1395.5	1385.0	1354.9	1341.8	1334.0
12.5°	1487.0	1481.8	1460.8	1436.0	1378.5	1349.7	1298.7	1309.1	1279.1	1252.9	1249.0
15°	1429.5	1409.8	1398.1	1357.5	1288.2	1275.1	1234.6	1213.7	1186.2	1165.3	1165.3
17.5°	1373.2	1343.1	1317.0	1273.8	1222.8	1186.2	1156.1	1145.7	1111.7	1090.7	1086.8
20°	1298.7	1264.7	1258.1	1196.7	1161.4	1120.8	1092.0	1065.9	1041.0	1031.9	1025.3
22.5°	1228.1	1188.8	1178.4	1126.0	1090.7	1050.2	1021.4	1003.1	984.8	978.3	966.5
25°	1152.2	1128.7	1113.0	1056.7	1017.5	979.6	959.9	946.9	929.9	928.6	920.7
27.5°	1079.0	1056.7	1041.0	987.4	958.6	923.3	907.6	893.2	884.1	880.2	876.2
30°	1016.2	991.3	973.0	933.8	898.5	869.7	856.6	847.5	842.2	835.7	834.4
32.5°	946.9	932.5	907.6	877.6	850.1	822.6	814.8	808.2	800.4	797.8	796.5
35°	888.0	868.4	852.7	818.7	806.9	783.4	774.2	769.0	758.5	755.9	753.3
37.5°	830.5	812.2	795.2	774.2	752.0	738.9	733.7	725.8	720.6	721.9	719.3
40°	772.9	758.5	745.5	723.2	710.2	703.6	693.2	685.3	682.7	684.0	682.7
42.5°	716.7	703.6	695.8	678.8	665.7	659.1	652.6	644.8	648.7	648.7	652.6
45°	665.7	653.9	648.7	635.6	627.8	617.3	610.8	609.4	614.7	613.4	613.4
47.5°	613.4	609.4	602.9	591.1	580.7	574.1	572.8	572.8	578.1	580.7	579.4
50°	572.8	565.0	557.1	548.0	540.1	537.5	533.6	536.2	541.4	541.4	544.1
52.5°	521.8	516.6	514.0	506.1	500.9	500.9	500.9	502.2	506.1	510.1	508.7
55°	477.4	473.4	470.8	466.9	460.4	461.7	460.4	463.0	466.9	470.8	473.4
57.5°	430.3	429.0	426.4	419.8	419.8	418.5	422.4	423.7	430.3	432.9	436.8
60°	388.4	384.5	384.5	379.3	379.3	379.3	383.2	387.1	392.3	393.7	396.3
62.5°	344.0	344.0	342.7	338.7	338.7	342.7	344.0	349.2	351.8	351.8	355.7
65°	302.1	300.8	299.5	300.8	302.1	302.1	306.0	308.6	311.3	312.6	313.9
67.5°	260.3	259.0	261.6	260.3	262.9	268.1	266.8	270.7	274.6	274.6	276.0
70°	221.0	223.6	222.3	224.9	223.6	226.3	230.2	231.5	231.5	232.8	236.7
72.5°	184.4	184.4	184.4	183.1	184.4	187.0	189.6	190.9	193.6	194.9	198.8
75°	149.1	149.1	146.5	149.1	149.1	151.7	154.3	154.3	154.3	156.9	160.9
77.5°	112.5	113.8	112.5	115.1	115.1	116.4	119.0	117.7	120.3	121.6	122.9
80°	82.4	81.1	81.1	81.1	82.4	82.4	85.0	86.3	86.3	90.2	87.6
82.5°	52.3	53.6	52.3	53.6	53.6	54.9	53.6	54.9	56.2	58.9	57.5
85°	30.1	28.8	28.8	30.1	28.8	28.8	30.1	28.8	30.1	28.8	30.1
87.5°	11.8	10.5	10.5	10.5	10.5	9.2	9.2	7.8	7.8	7.8	6.5
90°	9.1	10.2	11.4	15.1	20.4	25.0	25.7	25.0	24.2	22.7	24.2
92.5°	31.8	36.0	40.1	60.5	89.3	115.0	116.5	97.6	76.4	65.1	56.8
95°	56.0	65.1	74.2	109.0	174.8	262.6	296.7	259.6	198.3	152.1	120.3
97.5°	75.7	85.9	96.1	140.8	232.3	373.8	483.6	487.4	405.6	323.9	247.5
100°	94.6	105.2	115.8	155.9	248.2	411.7	597.8	706.8	690.9	597.1	493.4
102.5°	112.0	122.6	133.2	169.5	249.0	397.3	601.6	788.5	877.8	874.8	806.0
105°	128.7	139.2	149.8	185.4	252.8	377.6	560.8	762.1	919.5	1005.0	1014.8
107.5°	145.3	155.9	166.5	201.3	261.1	367.0	522.9	706.1	874.8	1002.0	1076.1
110°	161.9	172.9	183.9	217.2	271.7	364.0	497.2	653.8	813.5	949.0	1045.9

TEST NUMBER: P999151

CATALOG NUMBER: SA2XXDIP-B865D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

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

TEST NUMBER: P999151

CATALOG NUMBER: SA2XXDIP-B865D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5
2.5°	1621.7	1625.6	1616.5	1613.9	1616.5	1607.3	1609.9	1612.6	1612.6	1616.5	1619.1
5°	1527.5	1522.3	1513.2	1510.5	1507.9	1511.9	1509.2	1513.2	1514.5	1523.6	1524.9
7.5°	1434.7	1426.8	1419.0	1411.1	1408.5	1402.0	1408.5	1408.5	1417.7	1415.1	1421.6
10°	1324.8	1323.5	1313.1	1309.1	1303.9	1293.4	1307.8	1303.9	1310.4	1322.2	1324.8
12.5°	1243.7	1229.4	1235.9	1217.6	1224.1	1213.7	1215.0	1215.0	1225.4	1226.7	1224.1
15°	1166.6	1154.8	1137.8	1130.0	1126.0	1120.8	1137.8	1139.1	1131.3	1149.6	1143.0
17.5°	1088.1	1088.1	1072.4	1068.5	1058.0	1063.3	1060.7	1062.0	1059.3	1072.4	1079.0
20°	1020.1	1013.6	1008.3	1009.6	996.6	994.0	991.3	994.0	1003.1	1012.3	1014.9
22.5°	965.2	961.3	948.2	950.8	940.3	944.3	941.6	948.2	949.5	949.5	958.6
25°	912.9	907.6	908.9	903.7	899.8	899.8	895.9	899.8	905.0	907.6	908.9
27.5°	873.6	869.7	863.2	859.2	861.9	855.3	860.6	864.5	864.5	861.9	864.5
30°	826.5	829.2	829.2	816.1	821.3	818.7	822.6	825.2	825.2	826.5	823.9
32.5°	795.2	787.3	786.0	784.7	784.7	779.5	779.5	783.4	784.7	786.0	789.9
35°	753.3	753.3	746.8	750.7	745.5	746.8	745.5	746.8	749.4	745.5	749.4
37.5°	715.4	716.7	714.1	716.7	718.0	715.4	712.8	718.0	715.4	715.4	712.8
40°	682.7	681.4	682.7	682.7	682.7	684.0	681.4	681.4	681.4	678.8	676.1
42.5°	655.2	647.4	650.0	651.3	647.4	647.4	648.7	647.4	651.3	643.5	643.5
45°	616.0	613.4	614.7	614.7	617.3	613.4	616.0	617.3	613.4	612.1	609.4
47.5°	580.7	583.3	580.7	583.3	583.3	585.9	580.7	582.0	583.3	578.1	574.1
50°	545.4	545.4	549.3	548.0	549.3	546.7	546.7	545.4	546.7	544.1	540.1
52.5°	512.7	508.7	515.3	514.0	512.7	511.4	510.1	511.4	508.7	506.1	506.1
55°	472.1	472.1	476.1	477.4	477.4	474.7	472.1	473.4	472.1	470.8	469.5
57.5°	439.4	434.2	436.8	438.1	438.1	434.2	436.8	434.2	434.2	435.5	431.6
60°	397.6	397.6	395.0	398.9	398.9	396.3	396.3	397.6	395.0	393.7	392.3
62.5°	353.1	354.4	358.3	359.7	361.0	358.3	355.7	357.0	357.0	353.1	354.4
65°	315.2	317.8	323.0	321.7	319.1	320.4	317.8	319.1	315.2	316.5	312.6
67.5°	278.6	277.3	278.6	278.6	281.2	279.9	277.3	277.3	276.0	279.9	276.0
70°	239.3	239.3	239.3	239.3	240.6	241.9	239.3	236.7	238.0	235.4	234.1
72.5°	198.8	200.1	198.8	201.4	197.5	200.1	200.1	198.8	197.5	197.5	197.5
75°	160.9	163.5	159.6	160.9	159.6	162.2	160.9	160.9	158.2	156.9	158.2
77.5°	122.9	124.2	121.6	122.9	121.6	122.9	122.9	121.6	121.6	121.6	121.6
80°	87.6	88.9	87.6	86.3	85.0	87.6	85.0	86.3	87.6	86.3	88.9
82.5°	56.2	56.2	54.9	56.2	53.6	53.6	54.9	54.9	53.6	56.2	53.6
85°	27.5	27.5	30.1	27.5	26.2	26.2	26.2	27.5	26.2	28.8	27.5
87.5°	6.5	5.2	6.5	6.5	5.2	5.2	6.5	5.2	6.5	7.8	5.2
90°	24.6	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	24.6
92.5°	53.8	50.7	49.9	46.9	47.7	46.2	47.7	46.9	49.9	50.7	53.8
95°	112.0	103.7	93.8	87.8	85.5	86.3	85.5	87.8	93.8	103.7	112.0
97.5°	224.8	202.1	172.5	157.4	149.1	144.5	149.1	157.4	172.5	202.1	224.8
100°	447.6	401.8	339.0	306.5	284.5	270.9	284.5	306.5	339.0	401.8	447.6
102.5°	756.8	707.6	638.0	576.7	547.9	528.2	547.9	576.7	638.0	707.6	756.8
105°	1002.3	989.8	942.9	896.0	863.5	852.9	863.5	896.0	942.9	989.8	1002.3
107.5°	1091.2	1106.4	1105.6	1098.8	1089.0	1071.6	1089.0	1098.8	1105.6	1106.4	1091.2
110°	1076.9	1107.9	1140.4	1154.8	1161.6	1160.9	1161.6	1154.8	1140.4	1107.9	1076.9

TEST NUMBER: P999151

CATALOG NUMBER: SA2XXDIP-B865D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

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

TEST NUMBER: P999151

CATALOG NUMBER: SA2XXDIP-B865D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5	1701.5
2.5°	1615.2	1625.6	1621.7	1607.3	1624.3	1624.3	1636.1	1636.1	1650.5	1655.7	1663.6
5°	1523.6	1531.5	1538.0	1531.5	1543.2	1561.5	1572.0	1581.2	1600.8	1608.6	1620.4
7.5°	1425.5	1439.9	1446.5	1446.5	1466.1	1487.0	1507.9	1521.0	1548.5	1558.9	1570.7
10°	1330.1	1347.1	1360.1	1358.8	1391.5	1404.6	1430.8	1460.8	1488.3	1504.0	1521.0
12.5°	1229.4	1238.5	1256.8	1283.0	1290.8	1314.4	1344.4	1382.4	1432.1	1446.5	1471.3
15°	1145.7	1170.5	1184.9	1196.7	1215.0	1237.2	1269.9	1306.5	1356.2	1387.6	1413.8
17.5°	1075.0	1107.7	1116.9	1114.3	1137.8	1171.8	1209.7	1237.2	1281.7	1319.6	1344.4
20°	1017.5	1030.6	1046.3	1052.8	1071.1	1107.7	1144.4	1175.7	1212.4	1242.4	1271.2
22.5°	959.9	970.4	983.5	995.3	1009.6	1030.6	1065.9	1105.1	1140.4	1169.2	1201.9
25°	912.9	919.4	931.2	940.3	956.0	970.4	995.3	1038.4	1080.3	1097.3	1126.0
27.5°	867.1	872.3	880.2	890.6	898.5	912.9	935.1	970.4	1013.6	1030.6	1069.8
30°	826.5	830.5	838.3	843.6	847.5	864.5	881.5	908.9	941.6	965.2	994.0
32.5°	788.6	792.5	800.4	801.7	806.9	816.1	831.8	856.6	885.4	905.0	929.9
35°	746.8	749.4	757.2	759.8	763.8	771.6	783.4	801.7	827.9	842.2	864.5
37.5°	714.1	712.8	718.0	721.9	727.2	731.1	735.0	753.3	772.9	786.0	803.0
40°	678.8	676.1	677.5	682.7	685.3	690.5	690.5	708.8	721.9	732.4	745.5
42.5°	643.5	642.1	639.5	642.1	644.8	646.1	647.4	660.5	673.5	682.7	697.1
45°	608.1	606.8	604.2	605.5	605.5	608.1	612.1	617.3	626.5	634.3	642.1
47.5°	575.4	572.8	568.9	567.6	570.2	570.2	570.2	575.4	584.6	587.2	595.1
50°	541.4	537.5	532.3	529.7	529.7	528.4	531.0	532.3	540.1	542.7	549.3
52.5°	504.8	502.2	497.0	491.7	493.1	490.4	491.7	493.1	495.7	499.6	503.5
55°	468.2	463.0	459.0	457.7	453.8	453.8	449.9	455.1	453.8	455.1	460.4
57.5°	432.9	427.7	421.1	418.5	414.6	413.3	410.7	409.4	410.7	414.6	418.5
60°	391.0	388.4	384.5	380.6	378.0	374.0	371.4	371.4	370.1	370.1	371.4
62.5°	350.5	349.2	344.0	342.7	340.0	337.4	333.5	330.9	330.9	333.5	334.8
65°	311.3	310.0	306.0	304.7	298.2	295.6	294.3	293.0	290.3	290.3	290.3
67.5°	274.6	270.7	270.7	264.2	259.0	256.3	253.7	252.4	252.4	252.4	253.7
70°	234.1	234.1	230.2	226.3	221.0	222.3	218.4	214.5	214.5	211.9	213.2
72.5°	194.9	193.6	189.6	188.3	184.4	180.5	177.9	180.5	176.6	175.2	176.6
75°	156.9	155.6	153.0	150.4	151.7	147.8	143.9	142.6	142.6	139.9	139.9
77.5°	120.3	122.9	117.7	116.4	113.8	111.2	109.9	108.5	108.5	108.5	111.2
80°	83.7	85.0	85.0	82.4	83.7	79.8	79.8	79.8	75.9	77.2	78.5
82.5°	53.6	53.6	52.3	53.6	52.3	52.3	51.0	51.0	49.7	49.7	51.0
85°	30.1	28.8	27.5	30.1	28.8	28.8	27.5	27.5	27.5	27.5	27.5
87.5°	6.5	7.8	7.8	7.8	7.8	9.2	9.2	9.2	10.5	10.5	10.5
90°	24.2	22.7	24.2	25.0	25.7	25.0	20.4	15.1	11.4	10.2	9.1
92.5°	56.8	65.1	76.4	97.6	116.5	115.0	89.3	60.5	40.1	36.0	31.8
95°	120.3	152.1	198.3	259.6	296.7	262.6	174.8	109.0	74.2	65.1	56.0
97.5°	247.5	323.9	405.6	487.4	483.6	373.8	232.3	140.8	96.1	85.9	75.7
100°	493.4	597.1	690.9	706.8	597.8	411.7	248.2	155.9	115.8	105.2	94.6
102.5°	806.0	874.8	877.8	788.5	601.6	397.3	249.0	169.5	133.2	122.6	112.0
105°	1014.8	1005.0	919.5	762.1	560.8	377.6	252.8	185.4	149.8	139.2	128.7
107.5°	1076.1	1002.0	874.8	706.1	522.9	367.0	261.1	201.3	166.5	155.9	145.3
110°	1045.9	949.0	813.5	653.8	497.2	364.0	271.7	217.2	183.9	172.9	161.9

TEST NUMBER: P999151

CATALOG NUMBER: SA2XXDIP-B865D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

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

TEST NUMBER: P999151

CATALOG NUMBER: SA2XXDIP-B865D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1701.5	1701.5	1701.5	1701.5
2.5°	1670.1	1670.1	1689.7	1710.6
5°	1633.5	1642.6	1674.0	1702.8
7.5°	1598.2	1613.9	1653.1	1689.7
10°	1555.0	1575.9	1624.3	1667.5
12.5°	1513.2	1532.8	1589.0	1637.4
15°	1454.3	1479.2	1539.3	1599.5
17.5°	1395.5	1420.3	1493.5	1564.2
20°	1326.1	1358.8	1441.2	1535.4
22.5°	1262.1	1302.6	1394.1	1470.0
25°	1191.4	1254.2	1339.2	1437.3
27.5°	1128.7	1191.4	1277.8	1377.1
30°	1058.0	1122.1	1211.1	1302.6
32.5°	990.0	1048.9	1135.2	1247.7
35°	919.4	975.6	1059.3	1173.1
37.5°	855.3	910.3	1001.8	1106.4
40°	792.5	850.1	928.6	1033.2
42.5°	733.7	784.7	855.3	959.9
45°	680.1	716.7	782.1	880.2
47.5°	623.8	656.5	716.7	814.8
50°	571.5	599.0	651.3	742.8
52.5°	520.5	544.1	592.4	665.7
55°	474.7	497.0	532.3	604.2
57.5°	427.7	444.7	478.7	536.2
60°	381.9	397.6	425.0	472.1
62.5°	336.1	349.2	375.3	413.3
65°	295.6	306.0	325.6	358.3
67.5°	256.3	262.9	278.6	304.7
70°	218.4	223.6	236.7	257.6
72.5°	177.9	183.1	197.5	211.9
75°	143.9	145.2	155.6	167.4
77.5°	112.5	111.2	119.0	128.2
80°	77.2	81.1	87.6	91.5
82.5°	52.3	53.6	56.2	58.9
85°	28.8	30.1	30.1	34.0
87.5°	11.8	13.1	13.1	14.4
90°	7.6	6.1	3.0	0.8
92.5°	25.7	21.9	15.9	11.4
95°	43.9	37.1	29.5	26.5
97.5°	62.1	52.2	43.9	39.4
100°	79.5	67.4	60.5	58.3
102.5°	96.1	84.0	77.2	75.7
105°	112.0	100.6	95.4	92.3
107.5°	128.7	118.1	112.8	110.5
110°	146.1	136.2	131.7	128.7



TEST NUMBER: P999151

CATALOG NUMBER: SA2XXDIP-B865D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

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

TEST NUMBER: P999151

CATALOG NUMBER: SA2XXDIP-B865D725UB27-4F0-XX-W2A-A4

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	17.99	18.88	18.88	19.79	20.95	15.48	16.38	16.37	17.28	18.44
	3H	18.80	19.60	19.71	20.52	21.70	16.83	17.63	17.73	18.55	19.73
	4H	18.97	19.73	19.89	20.65	21.85	17.29	18.05	18.21	18.97	20.16
	6H	19.02	19.72	19.95	20.65	21.85	17.60	18.30	18.53	19.23	20.43
	8H	19.00	19.66	19.94	20.61	21.81	17.68	18.35	18.62	19.29	20.50
	12H	18.96	19.59	19.91	20.53	21.76	17.73	18.36	18.67	19.30	20.53
4H	2H	18.03	18.79	18.96	19.71	20.91	15.93	16.69	16.86	17.61	18.80
	3H	19.02	19.65	19.95	20.60	21.81	17.39	18.02	18.33	18.98	20.18
	4H	19.29	19.87	20.24	20.82	22.05	17.93	18.50	18.88	19.45	20.69
	6H	19.43	19.92	20.39	20.89	22.13	18.31	18.80	19.27	19.78	21.01
	8H	19.43	19.89	20.39	20.85	22.10	18.42	18.88	19.38	19.85	21.10
	12H	19.39	19.81	20.37	20.79	22.04	18.48	18.89	19.46	19.88	21.13
8H	4H	19.31	19.77	20.27	20.73	21.98	18.07	18.54	19.04	19.50	20.75
	6H	19.49	19.87	20.47	20.87	22.12	18.51	18.89	19.50	19.90	21.14
	8H	19.52	19.85	20.51	20.85	22.11	18.66	19.00	19.66	19.99	21.26
	12H	19.50	19.80	20.50	20.79	22.10	18.75	19.05	19.75	20.04	21.35
12H	4H	19.26	19.68	20.25	20.66	21.91	18.05	18.46	19.03	19.45	20.70
	6H	19.46	19.80	20.46	20.80	22.06	18.51	18.85	19.51	19.84	21.11
	8H	19.50	19.79	20.50	20.78	22.09	18.67	18.96	19.67	19.95	21.27