

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: P999175

Luminaire Tested: SA2XXDIP-B865D725UB30-4F0-XX-W2A-A4

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P999175
REPORT IS A COMBINATION OF REPORTS P984924 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXDIP-B865D725UB30-4F0-XX-W2A-A4
Description: Define 2 Direct/Indirect Pendant with 3000K BioUP LEDs {m-DER=0.589} {m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

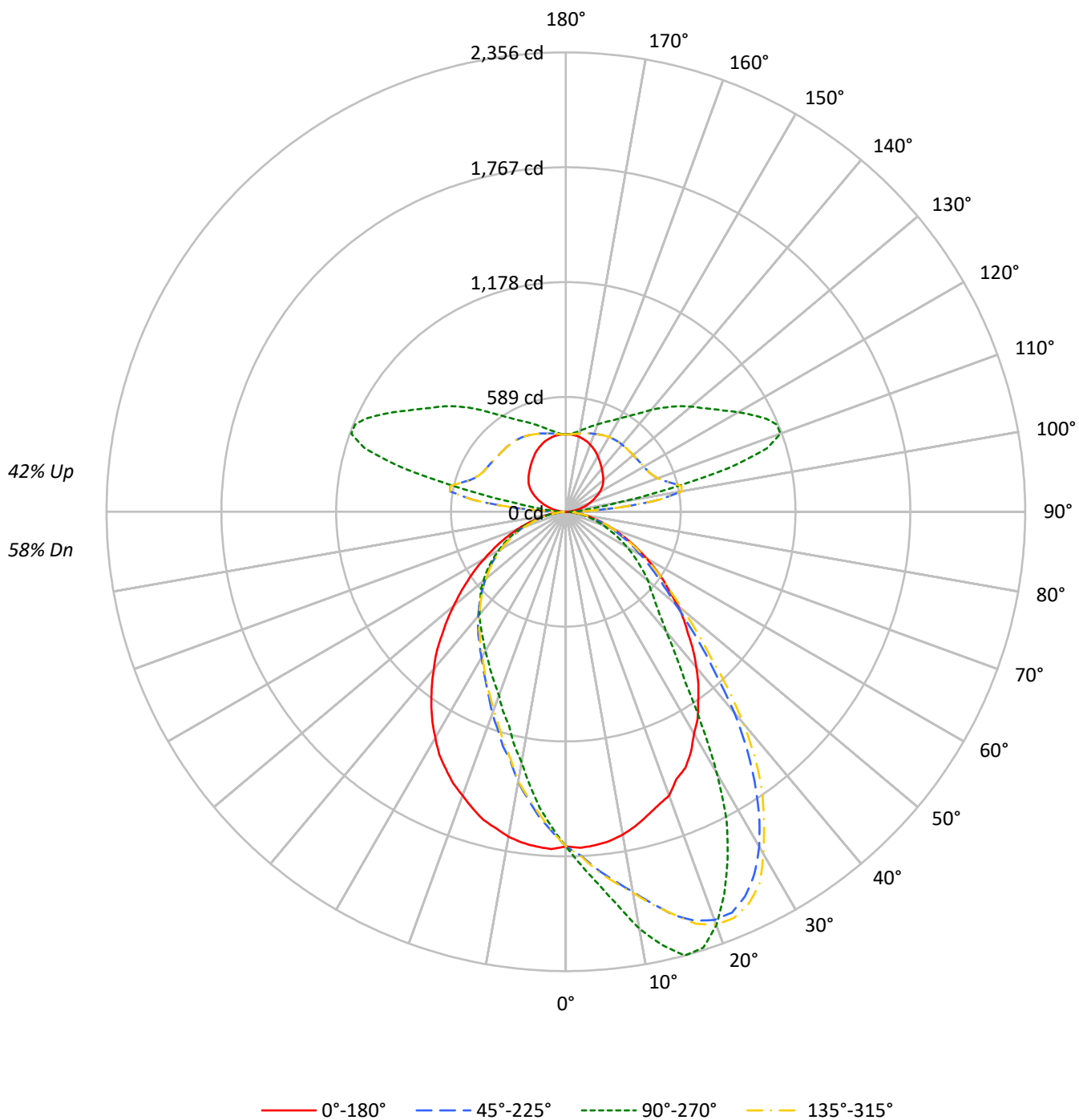
Lumens per Lamp: N/A
Luminaire Lumens: 6553.0 lumens
Efficiency: N/A
Efficacy: 96.5 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

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

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	109	109	109	109	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°	27163	27163	27163	27163
5°	27228	28962	27333	23041
10°	26912	31616	27080	18997
15°	26259	33348	26624	16002
20°	25850	31312	25850	13908
25°	25027	26900	25140	12438
30°	23670	21146	24123	11266
35°	22469	14623	22845	10307
40°	21089	11040	21330	9543
45°	19387	9073	19704	8719
50°	17916	7962	17947	7981
55°	16238	6785	16342	7181
60°	14450	5667	14647	6268
65°	12848	4609	13082	5351
70°	11251	3616	11537	4317
75°	9443	2626	9812	3131
80°	7369	1663	7896	1858
85°	4845	837	5212	621

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 28078 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	163.4	2.5
10°-20°	475.7	7.3
20°-30°	690.4	10.5
30°-40°	727.8	11.1
40°-50°	644.1	9.8
50°-60°	514.3	7.8
60°-70°	349.3	5.3
70°-80°	178.7	2.7
80°-90°	44.8	0.7
90°-100°	154.7	2.4
100°-110°	545.0	8.3
110°-120°	572.3	8.7
120°-130°	470.9	7.2
130°-140°	378.3	5.8
140°-150°	285.7	4.4
150°-160°	200.9	3.1
160°-170°	118.2	1.8
170°-180°	38.5	0.6
0°-30°	1329.6	20.3
0°-40°	2057.4	31.4
0°-60°	3215.7	49.1
0°-90°	3788.6	57.8
90°-120°	1272.1	19.4
90°-150°	2406.9	36.7
90°-180°	2764.0	42.2
0°-180°	6553.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1716	1716	1716	1716	1716	
5°	1717	1916	1724	1525	1717	163
15°	1613	2356	1636	1130	1613	456
25°	1450	1963	1456	908	1450	663
35°	1183	1068	1203	753	1183	740
45°	888	644	902	619	888	689
55°	609	452	613	479	609	544
65°	361	278	368	323	361	359
75°	169	137	175	164	169	181
85°	34	36	37	26	34	40
90°	1	25	1	25	1	4
95°	27	87	27	87	27	28
105°	93	860	93	860	93	99
115°	164	1132	164	1132	164	163
125°	229	918	229	918	229	204
135°	269	761	269	761	269	208
145°	307	608	307	608	307	193
155°	349	511	349	511	349	161
165°	380	448	380	448	380	107
175°	396	404	396	404	396	38
180°	397	397	397	397	397	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0
2.5°	1725.2	1729.2	1735.8	1737.1	1750.3	1760.8	1772.7	1772.7	1776.7	1775.3	1764.8
5°	1717.3	1729.2	1746.3	1760.8	1784.6	1795.1	1811.0	1822.8	1833.4	1841.3	1840.0
7.5°	1704.1	1725.2	1750.3	1778.0	1809.6	1828.1	1850.5	1871.6	1886.1	1899.3	1908.6
10°	1681.7	1717.3	1751.6	1788.5	1829.4	1854.5	1880.9	1908.6	1931.0	1956.0	1979.8
12.5°	1651.4	1702.8	1745.0	1793.8	1843.9	1871.6	1913.8	1934.9	1978.5	2041.8	2058.9
15°	1613.1	1683.0	1722.6	1784.6	1850.5	1873.0	1931.0	1965.3	2055.0	2094.5	2142.0
17.5°	1577.5	1655.3	1708.1	1779.3	1843.9	1887.5	1944.2	2014.1	2089.3	2146.0	2198.7
20°	1548.5	1623.7	1687.0	1766.1	1847.9	1903.3	1962.6	2047.1	2128.8	2186.9	2227.8
22.5°	1482.5	1578.8	1652.7	1741.1	1840.0	1916.5	1973.2	2065.5	2153.9	2189.5	2225.1
25°	1449.6	1532.7	1618.4	1718.6	1834.7	1925.7	1974.5	2077.4	2155.2	2168.4	2176.3
27.5°	1388.9	1482.5	1582.8	1697.5	1833.4	1909.9	1971.9	2065.5	2127.5	2118.3	2094.5
30°	1313.7	1428.5	1539.2	1663.2	1814.9	1898.0	1956.0	2041.8	2073.4	2026.0	1983.7
32.5°	1258.3	1366.5	1489.1	1632.9	1793.8	1873.0	1929.7	1996.9	2003.5	1917.8	1846.6
35°	1183.1	1303.2	1441.6	1593.3	1758.2	1829.4	1882.2	1923.1	1891.4	1771.4	1687.0
37.5°	1115.9	1234.6	1382.3	1536.6	1709.4	1779.3	1821.5	1828.1	1750.3	1644.8	1520.8
40°	1042.0	1164.7	1319.0	1481.2	1655.3	1716.0	1742.4	1722.6	1610.5	1487.8	1344.0
42.5°	968.1	1089.5	1255.7	1421.9	1586.7	1638.2	1648.7	1594.6	1457.5	1313.7	1147.5
45°	887.7	1014.3	1180.5	1348.0	1507.6	1536.6	1537.9	1460.1	1297.9	1147.5	993.2
47.5°	821.7	939.1	1104.0	1271.5	1406.0	1425.8	1417.9	1328.2	1151.5	982.6	848.1
50°	749.2	861.3	1024.8	1189.7	1304.5	1309.7	1290.0	1162.0	989.2	834.9	728.1
52.5°	671.4	784.8	935.2	1093.4	1196.3	1188.4	1150.1	1013.0	850.7	722.8	641.0
55°	609.4	709.6	850.7	1005.1	1077.6	1055.2	1013.0	873.2	745.2	637.1	565.8
57.5°	540.8	629.2	767.6	902.2	944.4	923.3	881.1	750.5	631.8	550.0	502.5
60°	476.2	556.6	678.0	790.1	823.0	800.6	751.8	634.4	548.7	480.1	444.5
62.5°	416.8	486.7	588.3	691.1	704.3	681.9	639.7	544.7	470.9	416.8	390.4
65°	361.4	427.3	509.1	586.9	598.8	575.1	531.5	463.0	401.0	366.7	341.6
67.5°	307.3	360.1	432.6	489.3	495.9	473.5	437.9	382.5	344.3	307.3	288.9
70°	259.8	299.4	356.1	402.3	404.9	383.8	365.4	315.2	286.2	259.8	245.3
72.5°	213.7	241.4	284.9	319.2	320.5	307.3	290.2	258.5	233.5	215.0	200.5
75°	168.8	192.6	219.0	249.3	248.0	237.4	224.2	204.4	183.3	171.5	164.9
77.5°	129.3	143.8	164.9	184.7	184.7	179.4	171.5	157.0	143.8	131.9	125.3
80°	92.3	101.6	118.7	125.3	127.9	126.6	120.0	109.5	104.2	95.0	92.3
82.5°	59.4	65.9	73.9	80.5	84.4	81.8	80.5	75.2	67.3	64.6	62.0
85°	34.3	36.9	40.9	44.8	46.2	44.8	47.5	43.5	39.6	39.6	38.3
87.5°	14.5	15.8	18.5	18.5	19.8	19.8	18.5	19.8	19.8	18.5	17.1
90°	0.8	3.1	6.1	7.6	9.2	10.4	11.5	15.3	20.6	25.2	26.0
92.5°	11.5	16.0	22.1	26.0	32.1	36.3	40.5	61.1	90.1	116.0	117.6
95°	26.7	29.8	37.4	44.3	56.5	65.6	74.8	109.9	176.3	264.9	299.2
97.5°	39.7	44.3	52.7	62.6	76.3	86.6	97.0	142.0	234.4	377.1	487.8
100°	58.8	61.1	67.9	80.2	95.4	106.1	116.8	157.3	250.4	415.3	603.1
102.5°	76.3	77.9	84.7	97.0	113.0	123.7	134.4	171.0	251.2	400.8	606.9
105°	93.1	96.2	101.5	113.0	129.8	140.5	151.2	187.0	255.0	380.9	565.7
107.5°	111.5	113.7	119.1	129.8	146.6	157.2	167.9	203.1	263.4	370.2	527.5
110°	129.8	132.8	137.4	147.3	163.4	174.4	185.5	219.1	274.1	367.2	501.5

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	146.6	149.6	155.0	164.1	179.4	190.9	202.3	234.4	285.5	368.0	484.8
115°	164.1	167.9	172.5	181.7	197.0	207.3	217.6	250.4	297.0	371.0	473.3
117.5°	182.4	185.5	190.1	198.5	213.0	223.7	234.4	264.9	309.2	375.6	467.2
120°	199.2	202.3	206.9	213.7	229.0	239.7	250.4	280.2	321.4	380.2	461.8
122.5°	215.3	217.6	222.1	229.8	245.0	256.1	267.2	294.7	332.1	385.5	458.8
125°	229.0	231.3	235.9	245.0	260.3	271.0	281.7	309.2	343.5	390.9	455.0
127.5°	240.5	243.5	249.6	259.6	274.1	285.2	296.2	322.9	354.2	396.2	452.7
130°	250.4	253.4	261.1	271.8	287.0	297.7	308.4	335.1	364.1	402.3	451.2
132.5°	259.6	263.4	271.8	283.2	299.2	309.9	320.6	345.8	374.1	408.4	450.4
135°	268.7	271.8	280.9	292.4	309.9	320.6	331.3	355.7	382.5	413.0	449.6
137.5°	277.1	280.9	290.1	302.3	319.9	329.8	339.7	364.1	389.3	417.6	449.6
140°	287.0	290.1	299.2	311.5	328.3	338.2	348.1	371.0	394.7	420.6	448.9
142.5°	297.0	299.2	307.6	319.9	335.9	345.0	354.2	376.3	399.3	422.9	448.9
145°	306.9	309.9	317.6	329.0	344.3	352.7	361.1	381.7	403.1	424.4	447.3
147.5°	317.6	319.9	327.5	338.2	351.2	358.8	366.4	386.3	405.4	425.2	445.1
150°	328.3	330.5	336.7	346.6	358.0	364.9	371.8	389.3	406.9	424.4	442.8
152.5°	338.9	339.7	345.8	354.2	364.9	371.0	377.1	392.4	407.6	422.9	438.9
155°	348.9	349.6	354.2	362.6	371.0	376.8	382.5	395.4	408.4	421.4	434.4
157.5°	357.3	358.0	361.8	369.5	376.3	381.3	386.3	397.7	408.4	418.3	429.8
160°	365.7	366.4	369.5	375.6	381.7	385.9	390.1	399.3	408.4	416.0	425.2
162.5°	374.1	373.3	376.3	380.9	386.3	389.4	392.4	400.0	407.6	413.8	421.4
165°	380.2	379.4	380.9	385.5	389.3	391.6	393.9	400.8	406.1	410.7	416.0
167.5°	385.5	384.7	386.3	389.3	392.4	393.9	395.4	400.8	405.4	407.6	411.5
170°	390.9	389.3	390.1	392.4	393.9	395.0	396.2	400.0	403.8	405.4	407.6
172.5°	393.9	393.1	392.4	394.7	395.4	396.2	397.0	399.3	401.5	402.3	403.1
175°	396.2	395.4	394.7	396.2	396.2	396.6	397.0	398.5	400.0	399.3	400.0
177.5°	397.7	396.2	395.4	397.0	397.0	397.0	397.0	397.7	399.3	397.7	397.0
180°	397.0	397.0	397.0	397.0	397.0	397.0	397.0	397.0	397.0	397.0	397.0

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0
2.5°	1783.3	1784.6	1787.2	1800.4	1807.0	1808.3	1803.0	1814.9	1818.9	1814.9	1812.3
5°	1867.7	1875.6	1891.4	1908.6	1907.2	1908.6	1916.5	1924.4	1927.0	1916.5	1920.4
7.5°	1941.5	1957.4	1974.5	2000.9	2000.9	2014.1	2019.4	2026.0	2041.8	2033.9	2031.2
10°	2026.0	2047.1	2078.7	2120.9	2122.2	2135.4	2148.6	2169.7	2176.3	2171.0	2173.7
12.5°	2131.5	2172.4	2175.0	2221.2	2242.3	2244.9	2266.0	2262.0	2275.2	2275.2	2297.7
15°	2177.6	2240.9	2276.6	2321.4	2334.6	2318.8	2335.9	2354.4	2355.7	2355.7	2354.4
17.5°	2260.7	2285.8	2321.4	2345.1	2350.4	2350.4	2351.7	2359.7	2354.4	2343.8	2351.7
20°	2277.9	2288.4	2301.6	2299.0	2301.6	2288.4	2275.2	2262.0	2263.4	2256.8	2276.6
22.5°	2246.2	2243.6	2213.2	2193.5	2193.5	2167.1	2142.0	2130.2	2118.3	2122.2	2128.8
25°	2167.1	2126.2	2089.3	2060.2	2053.7	2011.4	1977.1	1966.6	1946.8	1962.6	1965.3
27.5°	2040.5	1994.3	1934.9	1909.9	1875.6	1858.4	1834.7	1803.0	1762.2	1785.9	1781.9
30°	1904.6	1836.0	1787.2	1726.5	1672.5	1668.5	1623.7	1570.9	1549.8	1549.8	1561.7
32.5°	1752.9	1661.9	1590.7	1505.0	1452.2	1429.8	1375.7	1322.9	1334.8	1295.2	1309.7
35°	1576.2	1456.2	1366.5	1283.4	1243.8	1217.4	1147.5	1118.5	1086.8	1068.4	1102.7
37.5°	1407.4	1268.9	1154.1	1063.1	1048.6	1001.1	953.6	935.2	916.7	924.6	923.3
40°	1201.6	1078.9	976.0	904.8	879.8	857.3	825.7	803.3	791.4	798.0	799.3
42.5°	1015.6	912.7	836.2	786.1	765.0	749.2	733.4	714.9	710.9	710.9	716.2
45°	871.8	787.4	736.0	695.1	683.2	671.4	659.5	651.6	648.9	643.7	647.6
47.5°	757.1	689.8	658.2	627.8	614.6	612.0	601.5	597.5	592.2	590.9	592.2
50°	660.8	618.6	589.6	572.4	563.2	559.2	554.0	546.1	543.4	550.0	547.4
52.5°	593.5	554.0	538.1	521.0	515.7	510.4	502.5	503.8	502.5	499.9	499.9
55°	526.3	501.2	485.4	472.2	470.9	465.6	459.0	456.4	455.0	452.4	456.4
57.5°	472.2	452.4	437.9	426.0	420.8	420.8	414.2	408.9	408.9	407.6	408.9
60°	418.1	398.3	389.1	377.2	373.3	372.0	368.0	365.4	361.4	361.4	361.4
62.5°	368.0	352.2	341.6	331.1	332.4	325.8	320.5	317.9	317.9	319.2	319.2
65°	320.5	310.0	296.8	287.5	284.9	283.6	280.9	279.6	275.7	278.3	278.3
67.5°	277.0	262.5	254.6	250.6	246.6	245.3	242.7	240.1	238.7	237.4	240.1
70°	233.5	221.6	215.0	212.4	208.4	207.1	205.8	201.8	203.1	204.4	205.8
72.5°	193.9	183.3	182.0	174.1	174.1	174.1	168.8	171.5	170.1	167.5	170.1
75°	153.0	147.7	145.1	141.1	142.4	141.1	139.8	135.9	135.9	137.2	138.5
77.5°	121.3	116.1	114.8	110.8	108.2	110.8	108.2	106.8	106.8	108.2	108.2
80°	89.7	87.1	83.1	83.1	83.1	81.8	81.8	81.8	80.5	79.1	80.5
82.5°	59.4	59.4	58.0	56.7	58.0	55.4	56.7	56.7	56.7	56.7	56.7
85°	38.3	36.9	36.9	35.6	35.6	35.6	36.9	34.3	34.3	35.6	35.6
87.5°	17.1	17.1	17.1	18.5	17.1	17.1	17.1	18.5	17.1	17.1	17.1
90°	25.2	24.4	22.9	24.4	24.8	25.2	25.2	25.2	25.2	25.2	25.2
92.5°	98.5	77.1	65.7	57.3	54.2	51.1	50.4	47.3	48.1	46.6	48.1
95°	261.8	200.0	153.4	121.4	113.0	104.6	94.7	88.6	86.3	87.0	86.3
97.5°	491.6	409.2	326.7	249.6	226.7	203.8	174.1	158.8	150.4	145.8	150.4
100°	713.0	697.0	602.3	497.7	451.6	405.4	342.0	309.2	287.0	273.3	287.0
102.5°	795.4	885.5	882.5	813.0	763.4	713.8	643.5	581.7	552.7	532.8	552.7
105°	768.7	927.5	1013.8	1023.7	1011.1	998.5	951.2	903.9	871.0	860.3	871.0
107.5°	712.2	882.5	1010.7	1085.5	1100.8	1116.1	1115.3	1108.4	1098.5	1081.0	1098.5
110°	659.6	820.6	957.3	1055.0	1086.3	1117.6	1150.4	1164.9	1171.8	1171.0	1171.8

TEST NUMBER: P999175

CATALOG NUMBER: SA2XXDIP-B865D725UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	622.9	764.2	893.9	1000.0	1037.0	1074.1	1122.9	1149.7	1164.2	1169.5	1164.2
115°	593.9	719.9	837.4	937.4	976.8	1016.1	1070.3	1105.4	1125.2	1132.1	1125.2
117.5°	574.1	683.2	788.6	881.7	919.1	956.5	1012.3	1049.7	1070.3	1075.6	1070.3
120°	558.8	657.3	751.9	832.9	867.6	902.3	955.8	991.6	1013.8	1021.4	1013.8
122.5°	545.8	636.7	721.4	797.0	827.5	858.0	904.6	939.7	958.8	964.9	958.8
125°	533.6	616.8	695.4	762.6	791.2	819.9	864.2	893.2	912.2	918.4	912.2
127.5°	522.2	597.0	669.5	733.6	760.4	787.1	826.0	853.5	870.3	874.8	870.3
130°	510.7	577.9	643.5	703.8	729.0	754.2	791.6	817.6	832.9	839.0	832.9
132.5°	501.5	559.6	619.1	673.3	696.6	719.9	756.5	782.5	796.2	801.6	796.2
135°	493.1	542.8	593.2	643.5	664.9	686.3	719.1	744.3	758.0	761.1	758.0
137.5°	487.0	529.0	572.5	613.8	632.8	651.9	683.2	705.4	717.6	722.2	717.6
140°	481.7	516.0	552.7	587.8	604.6	621.4	645.8	665.7	677.1	681.7	677.1
142.5°	476.4	505.4	535.1	564.1	577.5	590.9	613.8	631.3	641.2	641.2	641.2
145°	471.8	495.4	520.6	544.3	555.3	566.4	584.8	597.7	605.4	607.7	605.4
147.5°	467.2	487.8	508.4	527.5	535.9	544.3	560.3	571.0	576.4	577.9	576.4
150°	461.1	479.4	496.2	512.2	519.1	526.0	537.4	546.6	551.2	551.9	551.2
152.5°	455.7	471.0	486.3	499.3	505.0	510.7	519.1	526.7	529.8	529.8	529.8
155°	448.9	463.4	475.6	487.0	491.2	495.4	503.8	509.2	512.2	510.7	512.2
157.5°	442.8	454.2	464.9	474.8	478.2	481.7	487.8	492.4	493.9	493.9	493.9
160°	435.9	445.8	454.2	462.6	465.3	468.0	473.3	477.1	477.9	477.9	477.9
162.5°	429.8	437.4	444.3	451.2	453.1	455.0	460.3	462.6	463.4	462.6	463.4
165°	422.9	429.0	434.4	439.7	441.2	442.8	445.8	448.9	448.9	448.1	448.9
167.5°	416.0	420.6	425.2	429.0	430.6	432.1	433.6	435.1	435.1	434.4	435.1
170°	410.7	414.5	416.8	419.9	420.6	421.4	422.2	424.4	423.7	422.2	423.7
172.5°	405.4	407.6	409.2	411.5	411.8	412.2	413.0	413.8	413.0	412.2	413.0
175°	400.8	403.1	403.8	404.6	405.0	405.4	405.4	406.1	405.4	403.8	405.4
177.5°	397.7	399.3	399.3	400.0	400.0	400.0	400.0	400.0	399.3	397.7	399.3
180°	397.0	397.0	397.0	397.0	397.0	397.0	397.0	397.0	397.0	397.0	397.0

TEST NUMBER: P999175

CATALOG NUMBER: SA2XXDIP-B865D725UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0
2.5°	1818.9	1809.6	1801.7	1803.0	1809.6	1804.4	1791.2	1774.0	1767.4	1759.5	1767.4
5°	1928.3	1920.4	1904.6	1905.9	1902.0	1896.7	1875.6	1849.2	1849.2	1828.1	1825.5
7.5°	2036.5	2024.6	2014.1	2011.4	1996.9	1986.4	1967.9	1931.0	1916.5	1891.4	1876.9
10°	2157.8	2148.6	2136.7	2122.2	2114.3	2095.9	2065.5	2011.4	1985.1	1950.8	1925.7
12.5°	2280.5	2279.2	2252.8	2223.8	2222.5	2193.5	2172.4	2099.8	2064.2	2018.0	1958.7
15°	2358.3	2351.7	2337.2	2322.7	2326.7	2295.0	2247.5	2161.8	2138.1	2082.7	2019.4
17.5°	2357.0	2357.0	2353.1	2350.4	2346.5	2337.2	2310.9	2254.1	2215.9	2146.0	2086.6
20°	2281.8	2299.0	2302.9	2301.6	2314.8	2321.4	2320.1	2284.5	2254.1	2192.1	2131.5
22.5°	2131.5	2171.0	2188.2	2198.7	2226.4	2240.9	2275.2	2262.0	2254.1	2208.0	2156.5
25°	1991.7	2004.8	2056.3	2058.9	2097.2	2132.8	2167.1	2189.5	2218.5	2201.4	2157.8
27.5°	1811.0	1841.3	1878.2	1905.9	1913.8	1986.4	2043.1	2085.3	2151.3	2156.5	2142.0
30°	1606.5	1621.0	1681.7	1718.6	1760.8	1813.6	1895.4	1967.9	2027.3	2081.3	2099.8
32.5°	1357.2	1416.6	1452.2	1497.0	1534.0	1627.6	1727.9	1821.5	1890.1	1981.1	2020.7
35°	1129.0	1175.2	1235.9	1254.3	1321.6	1400.8	1531.3	1651.4	1755.6	1847.9	1928.3
37.5°	940.4	977.4	1042.0	1071.0	1110.6	1212.1	1321.6	1470.7	1596.0	1709.4	1809.6
40°	811.2	838.9	887.7	896.9	929.9	1022.2	1110.6	1250.4	1416.6	1569.6	1679.1
42.5°	722.8	736.0	769.0	780.8	801.9	863.9	943.1	1075.0	1229.3	1387.6	1541.9
45°	659.5	668.7	688.5	699.1	725.4	753.1	817.8	923.3	1044.6	1204.2	1370.4
47.5°	602.8	614.6	622.6	629.2	643.7	674.0	716.2	794.0	910.1	1056.5	1217.4
50°	555.3	559.2	573.8	575.1	584.3	604.1	643.7	691.1	783.5	902.2	1057.8
52.5°	507.8	511.8	521.0	530.2	534.2	550.0	576.4	616.0	684.6	778.2	916.7
55°	460.3	465.6	474.8	481.4	485.4	498.6	514.4	552.7	606.7	672.7	786.1
57.5°	412.8	424.7	427.3	431.3	437.9	452.4	466.9	489.3	531.5	592.2	675.3
60°	368.0	372.0	381.2	385.1	391.7	399.7	418.1	435.3	465.6	513.1	588.3
62.5°	321.8	331.1	335.0	339.0	344.3	353.5	365.4	383.8	410.2	448.5	507.8
65°	282.3	283.6	291.5	296.8	302.0	308.6	320.5	337.7	353.5	389.1	432.6
67.5°	244.0	246.6	249.3	254.6	261.2	267.8	278.3	287.5	307.3	331.1	365.4
70°	207.1	207.1	213.7	217.6	216.3	224.2	232.1	242.7	257.2	279.6	307.3
72.5°	174.1	172.8	178.1	179.4	182.0	187.3	192.6	203.1	211.0	228.2	249.3
75°	138.5	141.1	143.8	143.8	147.7	151.7	157.0	162.2	171.5	182.0	197.8
77.5°	109.5	109.5	112.1	113.4	117.4	116.1	121.3	126.6	133.2	142.4	154.3
80°	80.5	83.1	83.1	83.1	84.4	85.7	91.0	95.0	98.9	105.5	110.8
82.5°	56.7	56.7	59.4	59.4	59.4	62.0	62.0	63.3	65.9	69.9	73.9
85°	35.6	35.6	35.6	36.9	35.6	36.9	39.6	38.3	39.6	42.2	42.2
87.5°	17.1	17.1	17.1	17.1	17.1	18.5	17.1	18.5	19.8	19.8	19.8
90°	25.2	25.2	25.2	24.8	24.4	22.9	24.4	25.2	26.0	25.2	20.6
92.5°	47.3	50.4	51.1	54.2	57.3	65.7	77.1	98.5	117.6	116.0	90.1
95°	88.6	94.7	104.6	113.0	121.4	153.4	200.0	261.8	299.2	264.9	176.3
97.5°	158.8	174.1	203.8	226.7	249.6	326.7	409.2	491.6	487.8	377.1	234.4
100°	309.2	342.0	405.4	451.6	497.7	602.3	697.0	713.0	603.1	415.3	250.4
102.5°	581.7	643.5	713.8	763.4	813.0	882.5	885.5	795.4	606.9	400.8	251.2
105°	903.9	951.2	998.5	1011.1	1023.7	1013.8	927.5	768.7	565.7	380.9	255.0
107.5°	1108.4	1115.3	1116.1	1100.8	1085.5	1010.7	882.5	712.2	527.5	370.2	263.4
110°	1164.9	1150.4	1117.6	1086.3	1055.0	957.3	820.6	659.6	501.5	367.2	274.1

TEST NUMBER: P999175

CATALOG NUMBER: SA2XXDIP-B865D725UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	1149.7	1122.9	1074.1	1037.0	1000.0	893.9	764.2	622.9	484.8	368.0	285.5
115°	1105.4	1070.3	1016.1	976.8	937.4	837.4	719.9	593.9	473.3	371.0	297.0
117.5°	1049.7	1012.3	956.5	919.1	881.7	788.6	683.2	574.1	467.2	375.6	309.2
120°	991.6	955.8	902.3	867.6	832.9	751.9	657.3	558.8	461.8	380.2	321.4
122.5°	939.7	904.6	858.0	827.5	797.0	721.4	636.7	545.8	458.8	385.5	332.1
125°	893.2	864.2	819.9	791.2	762.6	695.4	616.8	533.6	455.0	390.9	343.5
127.5°	853.5	826.0	787.1	760.4	733.6	669.5	597.0	522.2	452.7	396.2	354.2
130°	817.6	791.6	754.2	729.0	703.8	643.5	577.9	510.7	451.2	402.3	364.1
132.5°	782.5	756.5	719.9	696.6	673.3	619.1	559.6	501.5	450.4	408.4	374.1
135°	744.3	719.1	686.3	664.9	643.5	593.2	542.8	493.1	449.6	413.0	382.5
137.5°	705.4	683.2	651.9	632.8	613.8	572.5	529.0	487.0	449.6	417.6	389.3
140°	665.7	645.8	621.4	604.6	587.8	552.7	516.0	481.7	448.9	420.6	394.7
142.5°	631.3	613.8	590.9	577.5	564.1	535.1	505.4	476.4	448.9	422.9	399.3
145°	597.7	584.8	566.4	555.3	544.3	520.6	495.4	471.8	447.3	424.4	403.1
147.5°	571.0	560.3	544.3	535.9	527.5	508.4	487.8	467.2	445.1	425.2	405.4
150°	546.6	537.4	526.0	519.1	512.2	496.2	479.4	461.1	442.8	424.4	406.9
152.5°	526.7	519.1	510.7	505.0	499.3	486.3	471.0	455.7	438.9	422.9	407.6
155°	509.2	503.8	495.4	491.2	487.0	475.6	463.4	448.9	434.4	421.4	408.4
157.5°	492.4	487.8	481.7	478.2	474.8	464.9	454.2	442.8	429.8	418.3	408.4
160°	477.1	473.3	468.0	465.3	462.6	454.2	445.8	435.9	425.2	416.0	408.4
162.5°	462.6	460.3	455.0	453.1	451.2	444.3	437.4	429.8	421.4	413.8	407.6
165°	448.9	445.8	442.8	441.2	439.7	434.4	429.0	422.9	416.0	410.7	406.1
167.5°	435.1	433.6	432.1	430.6	429.0	425.2	420.6	416.0	411.5	407.6	405.4
170°	424.4	422.2	421.4	420.6	419.9	416.8	414.5	410.7	407.6	405.4	403.8
172.5°	413.8	413.0	412.2	411.8	411.5	409.2	407.6	405.4	403.1	402.3	401.5
175°	406.1	405.4	405.4	405.0	404.6	403.8	403.1	400.8	400.0	399.3	400.0
177.5°	400.0	400.0	400.0	400.0	400.0	399.3	399.3	397.7	397.0	397.7	399.3
180°	397.0	397.0	397.0	397.0	397.0	397.0	397.0	397.0	397.0	397.0	397.0

TEST NUMBER: P999175

CATALOG NUMBER: SA2XXDIP-B865D725UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0
2.5°	1760.8	1754.2	1750.3	1752.9	1745.0	1725.2	1725.2	1731.8	1723.9	1716.0	1704.1
5°	1809.6	1796.4	1788.5	1787.2	1768.8	1737.1	1730.5	1723.9	1706.8	1688.3	1668.5
7.5°	1857.1	1833.4	1820.2	1811.0	1784.6	1743.7	1726.5	1712.0	1684.3	1656.6	1631.6
10°	1896.7	1862.4	1846.6	1832.1	1797.8	1746.3	1718.6	1692.2	1656.6	1621.0	1589.4
12.5°	1928.3	1888.8	1869.0	1847.9	1805.7	1738.4	1704.1	1661.9	1626.3	1578.8	1547.2
15°	1981.1	1899.3	1880.9	1861.1	1817.6	1725.2	1683.0	1635.5	1586.7	1523.4	1489.1
17.5°	2023.3	1913.8	1912.5	1870.3	1813.6	1719.9	1655.3	1593.3	1540.6	1477.3	1423.2
20°	2048.4	1936.3	1915.2	1871.6	1800.4	1684.3	1617.1	1548.5	1491.8	1415.3	1361.2
22.5°	2069.5	1967.9	1912.5	1859.8	1772.7	1672.5	1573.5	1508.9	1431.1	1348.0	1296.6
25°	2077.4	1974.5	1916.5	1855.8	1752.9	1638.2	1526.1	1456.2	1369.1	1293.9	1224.0
27.5°	2078.7	1973.2	1902.0	1838.7	1725.2	1593.3	1478.6	1404.7	1308.4	1221.4	1151.5
30°	2065.5	1958.7	1894.1	1825.5	1698.8	1552.4	1420.5	1338.8	1235.9	1148.8	1076.3
32.5°	2026.0	1929.7	1876.9	1801.7	1664.6	1495.7	1365.1	1274.1	1166.0	1080.2	1010.3
35°	1960.0	1894.1	1836.0	1766.1	1619.7	1443.0	1309.7	1202.9	1093.4	1011.7	945.7
37.5°	1878.2	1842.6	1788.5	1719.9	1568.3	1395.5	1247.8	1129.0	1019.6	940.4	875.8
40°	1767.4	1776.7	1723.9	1661.9	1507.6	1330.8	1167.3	1053.9	951.0	877.1	813.8
42.5°	1647.4	1685.7	1655.3	1596.0	1440.3	1259.6	1107.9	982.6	882.4	805.9	753.1
45°	1518.1	1584.1	1565.6	1522.1	1370.4	1184.4	1023.5	902.2	813.8	739.9	693.8
47.5°	1377.0	1470.7	1470.7	1439.0	1292.6	1109.3	951.0	827.0	739.9	687.2	642.3
50°	1233.2	1338.8	1355.9	1334.8	1205.5	1023.5	862.6	750.5	675.3	623.9	590.9
52.5°	1082.9	1205.5	1237.2	1226.7	1113.2	941.8	790.1	680.6	612.0	567.2	538.1
55°	939.1	1081.6	1115.9	1119.8	1014.3	852.1	709.6	613.3	547.4	517.0	492.0
57.5°	803.3	940.4	978.7	985.3	914.1	770.3	634.4	550.0	490.7	465.6	445.8
60°	687.2	801.9	852.1	866.6	804.6	675.3	564.5	482.7	437.9	414.2	395.7
62.5°	592.2	684.6	737.3	741.3	713.6	592.2	492.0	423.4	385.1	364.0	354.8
65°	499.9	583.0	614.6	630.5	608.0	513.1	424.7	368.0	337.7	319.2	310.0
67.5°	426.0	478.8	505.2	526.3	503.8	432.6	361.4	315.2	292.8	274.3	269.1
70°	349.5	393.1	412.8	433.9	414.2	360.1	308.6	266.4	246.6	232.1	225.5
72.5°	279.6	313.9	332.4	345.6	333.7	288.9	246.6	217.6	203.1	192.6	188.6
75°	221.6	245.3	255.9	265.1	259.8	225.5	199.2	175.4	162.2	153.0	150.4
77.5°	168.8	186.0	197.8	200.5	193.9	171.5	149.0	134.5	124.0	118.7	116.1
80°	120.0	130.6	137.2	141.1	134.5	125.3	109.5	98.9	89.7	83.1	81.8
82.5°	80.5	85.7	91.0	89.7	87.1	79.1	69.9	64.6	60.7	55.4	55.4
85°	46.2	47.5	50.1	51.4	50.1	44.8	39.6	36.9	34.3	30.3	30.3
87.5°	19.8	21.1	21.1	22.4	19.8	19.8	17.1	14.5	14.5	13.2	11.9
90°	15.3	11.5	10.4	9.2	7.6	6.1	3.1	0.8	3.1	6.1	7.6
92.5°	61.1	40.5	36.3	32.1	26.0	22.1	16.0	11.5	16.0	22.1	26.0
95°	109.9	74.8	65.6	56.5	44.3	37.4	29.8	26.7	29.8	37.4	44.3
97.5°	142.0	97.0	86.6	76.3	62.6	52.7	44.3	39.7	44.3	52.7	62.6
100°	157.3	116.8	106.1	95.4	80.2	67.9	61.1	58.8	61.1	67.9	80.2
102.5°	171.0	134.4	123.7	113.0	97.0	84.7	77.9	76.3	77.9	84.7	97.0
105°	187.0	151.2	140.5	129.8	113.0	101.5	96.2	93.1	96.2	101.5	113.0
107.5°	203.1	167.9	157.2	146.6	129.8	119.1	113.7	111.5	113.7	119.1	129.8
110°	219.1	185.5	174.4	163.4	147.3	137.4	132.8	129.8	132.8	137.4	147.3

TEST NUMBER: P999175

CATALOG NUMBER: SA2XXDIP-B865D725UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	234.4	202.3	190.9	179.4	164.1	155.0	149.6	146.6	149.6	155.0	164.1
115°	250.4	217.6	207.3	197.0	181.7	172.5	167.9	164.1	167.9	172.5	181.7
117.5°	264.9	234.4	223.7	213.0	198.5	190.1	185.5	182.4	185.5	190.1	198.5
120°	280.2	250.4	239.7	229.0	213.7	206.9	202.3	199.2	202.3	206.9	213.7
122.5°	294.7	267.2	256.1	245.0	229.8	222.1	217.6	215.3	217.6	222.1	229.8
125°	309.2	281.7	271.0	260.3	245.0	235.9	231.3	229.0	231.3	235.9	245.0
127.5°	322.9	296.2	285.2	274.1	259.6	249.6	243.5	240.5	243.5	249.6	259.6
130°	335.1	308.4	297.7	287.0	271.8	261.1	253.4	250.4	253.4	261.1	271.8
132.5°	345.8	320.6	309.9	299.2	283.2	271.8	263.4	259.6	263.4	271.8	283.2
135°	355.7	331.3	320.6	309.9	292.4	280.9	271.8	268.7	271.8	280.9	292.4
137.5°	364.1	339.7	329.8	319.9	302.3	290.1	280.9	277.1	280.9	290.1	302.3
140°	371.0	348.1	338.2	328.3	311.5	299.2	290.1	287.0	290.1	299.2	311.5
142.5°	376.3	354.2	345.0	335.9	319.9	307.6	299.2	297.0	299.2	307.6	319.9
145°	381.7	361.1	352.7	344.3	329.0	317.6	309.9	306.9	309.9	317.6	329.0
147.5°	386.3	366.4	358.8	351.2	338.2	327.5	319.9	317.6	319.9	327.5	338.2
150°	389.3	371.8	364.9	358.0	346.6	336.7	330.5	328.3	330.5	336.7	346.6
152.5°	392.4	377.1	371.0	364.9	354.2	345.8	339.7	338.9	339.7	345.8	354.2
155°	395.4	382.5	376.8	371.0	362.6	354.2	349.6	348.9	349.6	354.2	362.6
157.5°	397.7	386.3	381.3	376.3	369.5	361.8	358.0	357.3	358.0	361.8	369.5
160°	399.3	390.1	385.9	381.7	375.6	369.5	366.4	365.7	366.4	369.5	375.6
162.5°	400.0	392.4	389.4	386.3	380.9	376.3	373.3	374.1	373.3	376.3	380.9
165°	400.8	393.9	391.6	389.3	385.5	380.9	379.4	380.2	379.4	380.9	385.5
167.5°	400.8	395.4	393.9	392.4	389.3	386.3	384.7	385.5	384.7	386.3	389.3
170°	400.0	396.2	395.0	393.9	392.4	390.1	389.3	390.9	389.3	390.1	392.4
172.5°	399.3	397.0	396.2	395.4	394.7	392.4	393.1	393.9	393.1	392.4	394.7
175°	398.5	397.0	396.6	396.2	396.2	394.7	395.4	396.2	395.4	394.7	396.2
177.5°	397.7	397.0	397.0	397.0	397.0	395.4	396.2	397.7	396.2	395.4	397.0
180°	397.0	397.0	397.0	397.0	397.0	397.0	397.0	397.0	397.0	397.0	397.0

TEST NUMBER: P999175

CATALOG NUMBER: SA2XXDIP-B865D725UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0
2.5°	1697.5	1704.1	1702.8	1689.6	1675.1	1663.2	1640.8	1643.4	1635.5	1636.9	1644.8
5°	1655.3	1655.3	1650.0	1631.6	1607.8	1594.6	1569.6	1563.0	1547.2	1545.8	1544.5
7.5°	1610.5	1603.9	1597.3	1570.9	1541.9	1520.8	1486.5	1478.6	1462.7	1452.2	1446.9
10°	1557.7	1548.5	1535.3	1505.0	1469.3	1443.0	1407.4	1396.8	1366.5	1353.3	1345.4
12.5°	1499.7	1494.4	1473.3	1448.2	1390.2	1361.2	1309.7	1320.3	1290.0	1263.6	1259.6
15°	1441.6	1421.9	1410.0	1369.1	1299.2	1286.0	1245.1	1224.0	1196.3	1175.2	1175.2
17.5°	1384.9	1354.6	1328.2	1284.7	1233.2	1196.3	1166.0	1155.4	1121.1	1100.0	1096.1
20°	1309.7	1275.5	1268.9	1206.9	1171.3	1130.4	1101.3	1075.0	1049.9	1040.7	1034.1
22.5°	1238.5	1199.0	1188.4	1135.6	1100.0	1059.1	1030.1	1011.7	993.2	986.6	974.7
25°	1162.0	1138.3	1122.5	1065.7	1026.2	987.9	968.1	954.9	937.8	936.5	928.6
27.5°	1088.2	1065.7	1049.9	995.8	966.8	931.2	915.4	900.9	891.6	887.7	883.7
30°	1024.8	999.8	981.3	941.8	906.1	877.1	863.9	854.7	849.4	842.8	841.5
32.5°	954.9	940.4	915.4	885.0	857.3	829.6	821.7	815.1	807.2	804.6	803.3
35°	895.6	875.8	860.0	825.7	813.8	790.1	780.8	775.6	765.0	762.4	759.7
37.5°	837.6	819.1	801.9	780.8	758.4	745.2	739.9	732.0	726.8	728.1	725.4
40°	779.5	765.0	751.8	729.4	716.2	709.6	699.1	691.1	688.5	689.8	688.5
42.5°	722.8	709.6	701.7	684.6	671.4	664.8	658.2	650.3	654.2	654.2	658.2
45°	671.4	659.5	654.2	641.0	633.1	622.6	616.0	614.6	619.9	618.6	618.6
47.5°	618.6	614.6	608.0	596.2	585.6	579.0	577.7	577.7	583.0	585.6	584.3
50°	577.7	569.8	561.9	552.7	544.7	542.1	538.1	540.8	546.1	546.1	548.7
52.5°	526.3	521.0	518.4	510.4	505.2	505.2	505.2	506.5	510.4	514.4	513.1
55°	481.4	477.5	474.8	470.9	464.3	465.6	464.3	466.9	470.9	474.8	477.5
57.5°	433.9	432.6	430.0	423.4	423.4	422.1	426.0	427.3	433.9	436.6	440.5
60°	391.7	387.8	387.8	382.5	382.5	382.5	386.5	390.4	395.7	397.0	399.7
62.5°	346.9	346.9	345.6	341.6	341.6	345.6	346.9	352.2	354.8	354.8	358.8
65°	304.7	303.4	302.0	303.4	304.7	304.7	308.6	311.3	313.9	315.2	316.6
67.5°	262.5	261.2	263.8	262.5	265.1	270.4	269.1	273.0	277.0	277.0	278.3
70°	222.9	225.5	224.2	226.9	225.5	228.2	232.1	233.5	233.5	234.8	238.7
72.5°	186.0	186.0	186.0	184.7	186.0	188.6	191.3	192.6	195.2	196.5	200.5
75°	150.4	150.4	147.7	150.4	150.4	153.0	155.6	155.6	155.6	158.3	162.2
77.5°	113.4	114.8	113.4	116.1	116.1	117.4	120.0	118.7	121.3	122.7	124.0
80°	83.1	81.8	81.8	81.8	83.1	83.1	85.7	87.1	87.1	91.0	88.4
82.5°	52.8	54.1	52.8	54.1	54.1	55.4	54.1	55.4	56.7	59.4	58.0
85°	30.3	29.0	29.0	30.3	29.0	29.0	30.3	29.0	30.3	29.0	30.3
87.5°	11.9	10.6	10.6	10.6	10.6	9.2	9.2	7.9	7.9	7.9	6.6
90°	9.2	10.4	11.5	15.3	20.6	25.2	26.0	25.2	24.4	22.9	24.4
92.5°	32.1	36.3	40.5	61.1	90.1	116.0	117.6	98.5	77.1	65.7	57.3
95°	56.5	65.6	74.8	109.9	176.3	264.9	299.2	261.8	200.0	153.4	121.4
97.5°	76.3	86.6	97.0	142.0	234.4	377.1	487.8	491.6	409.2	326.7	249.6
100°	95.4	106.1	116.8	157.3	250.4	415.3	603.1	713.0	697.0	602.3	497.7
102.5°	113.0	123.7	134.4	171.0	251.2	400.8	606.9	795.4	885.5	882.5	813.0
105°	129.8	140.5	151.2	187.0	255.0	380.9	565.7	768.7	927.5	1013.8	1023.7
107.5°	146.6	157.2	167.9	203.1	263.4	370.2	527.5	712.2	882.5	1010.7	1085.5
110°	163.4	174.4	185.5	219.1	274.1	367.2	501.5	659.6	820.6	957.3	1055.0

TEST NUMBER: P999175

CATALOG NUMBER: SA2XXDIP-B865D725UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	179.4	190.9	202.3	234.4	285.5	368.0	484.8	622.9	764.2	893.9	1000.0
115°	197.0	207.3	217.6	250.4	297.0	371.0	473.3	593.9	719.9	837.4	937.4
117.5°	213.0	223.7	234.4	264.9	309.2	375.6	467.2	574.1	683.2	788.6	881.7
120°	229.0	239.7	250.4	280.2	321.4	380.2	461.8	558.8	657.3	751.9	832.9
122.5°	245.0	256.1	267.2	294.7	332.1	385.5	458.8	545.8	636.7	721.4	797.0
125°	260.3	271.0	281.7	309.2	343.5	390.9	455.0	533.6	616.8	695.4	762.6
127.5°	274.1	285.2	296.2	322.9	354.2	396.2	452.7	522.2	597.0	669.5	733.6
130°	287.0	297.7	308.4	335.1	364.1	402.3	451.2	510.7	577.9	643.5	703.8
132.5°	299.2	309.9	320.6	345.8	374.1	408.4	450.4	501.5	559.6	619.1	673.3
135°	309.9	320.6	331.3	355.7	382.5	413.0	449.6	493.1	542.8	593.2	643.5
137.5°	319.9	329.8	339.7	364.1	389.3	417.6	449.6	487.0	529.0	572.5	613.8
140°	328.3	338.2	348.1	371.0	394.7	420.6	448.9	481.7	516.0	552.7	587.8
142.5°	335.9	345.0	354.2	376.3	399.3	422.9	448.9	476.4	505.4	535.1	564.1
145°	344.3	352.7	361.1	381.7	403.1	424.4	447.3	471.8	495.4	520.6	544.3
147.5°	351.2	358.8	366.4	386.3	405.4	425.2	445.1	467.2	487.8	508.4	527.5
150°	358.0	364.9	371.8	389.3	406.9	424.4	442.8	461.1	479.4	496.2	512.2
152.5°	364.9	371.0	377.1	392.4	407.6	422.9	438.9	455.7	471.0	486.3	499.3
155°	371.0	376.8	382.5	395.4	408.4	421.4	434.4	448.9	463.4	475.6	487.0
157.5°	376.3	381.3	386.3	397.7	408.4	418.3	429.8	442.8	454.2	464.9	474.8
160°	381.7	385.9	390.1	399.3	408.4	416.0	425.2	435.9	445.8	454.2	462.6
162.5°	386.3	389.4	392.4	400.0	407.6	413.8	421.4	429.8	437.4	444.3	451.2
165°	389.3	391.6	393.9	400.8	406.1	410.7	416.0	422.9	429.0	434.4	439.7
167.5°	392.4	393.9	395.4	400.8	405.4	407.6	411.5	416.0	420.6	425.2	429.0
170°	393.9	395.0	396.2	400.0	403.8	405.4	407.6	410.7	414.5	416.8	419.9
172.5°	395.4	396.2	397.0	399.3	401.5	402.3	403.1	405.4	407.6	409.2	411.5
175°	396.2	396.6	397.0	398.5	400.0	399.3	400.0	400.8	403.1	403.8	404.6
177.5°	397.0	397.0	397.0	397.7	399.3	397.7	397.0	397.7	399.3	399.3	400.0
180°	397.0	397.0	397.0	397.0	397.0	397.0	397.0	397.0	397.0	397.0	397.0

TEST NUMBER: P999175

CATALOG NUMBER: SA2XXDIP-B865D725UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0
2.5°	1635.5	1639.5	1630.3	1627.6	1630.3	1621.0	1623.7	1626.3	1626.3	1630.3	1632.9
5°	1540.6	1535.3	1526.1	1523.4	1520.8	1524.7	1522.1	1526.1	1527.4	1536.6	1537.9
7.5°	1446.9	1439.0	1431.1	1423.2	1420.5	1413.9	1420.5	1420.5	1429.8	1427.1	1433.7
10°	1336.1	1334.8	1324.3	1320.3	1315.0	1304.5	1319.0	1315.0	1321.6	1333.5	1336.1
12.5°	1254.3	1239.8	1246.4	1228.0	1234.6	1224.0	1225.3	1225.3	1235.9	1237.2	1234.6
15°	1176.5	1164.7	1147.5	1139.6	1135.6	1130.4	1147.5	1148.8	1140.9	1159.4	1152.8
17.5°	1097.4	1097.4	1081.6	1077.6	1067.1	1072.3	1069.7	1071.0	1068.4	1081.6	1088.2
20°	1028.8	1022.2	1016.9	1018.3	1005.1	1002.4	999.8	1002.4	1011.7	1020.9	1023.5
22.5°	973.4	969.4	956.3	958.9	948.3	952.3	949.7	956.3	957.6	957.6	966.8
25°	920.6	915.4	916.7	911.4	907.5	907.5	903.5	907.5	912.7	915.4	916.7
27.5°	881.1	877.1	870.5	866.6	869.2	862.6	867.9	871.8	871.8	869.2	871.8
30°	833.6	836.2	836.2	823.0	828.3	825.7	829.6	832.3	832.3	833.6	831.0
32.5°	801.9	794.0	792.7	791.4	791.4	786.1	786.1	790.1	791.4	792.7	796.7
35°	759.7	759.7	753.1	757.1	751.8	753.1	751.8	753.1	755.8	751.8	755.8
37.5°	721.5	722.8	720.2	722.8	724.1	721.5	718.8	724.1	721.5	721.5	718.8
40°	688.5	687.2	688.5	688.5	688.5	689.8	687.2	687.2	687.2	684.6	681.9
42.5°	660.8	652.9	655.5	656.9	652.9	652.9	654.2	652.9	656.9	648.9	648.9
45°	621.2	618.6	619.9	619.9	622.6	618.6	621.2	622.6	618.6	617.3	614.6
47.5°	585.6	588.3	585.6	588.3	588.3	590.9	585.6	586.9	588.3	583.0	579.0
50°	550.0	550.0	554.0	552.7	554.0	551.3	551.3	550.0	551.3	548.7	544.7
52.5°	517.0	513.1	519.7	518.4	517.0	515.7	514.4	515.7	513.1	510.4	510.4
55°	476.2	476.2	480.1	481.4	481.4	478.8	476.2	477.5	476.2	474.8	473.5
57.5°	443.2	437.9	440.5	441.9	441.9	437.9	440.5	437.9	437.9	439.2	435.3
60°	401.0	401.0	398.3	402.3	402.3	399.7	399.7	401.0	398.3	397.0	395.7
62.5°	356.1	357.4	361.4	362.7	364.0	361.4	358.8	360.1	360.1	356.1	357.4
65°	317.9	320.5	325.8	324.5	321.8	323.1	320.5	321.8	317.9	319.2	315.2
67.5°	280.9	279.6	280.9	280.9	283.6	282.3	279.6	279.6	278.3	282.3	278.3
70°	241.4	241.4	241.4	241.4	242.7	244.0	241.4	238.7	240.1	237.4	236.1
72.5°	200.5	201.8	200.5	203.1	199.2	201.8	201.8	200.5	199.2	199.2	199.2
75°	162.2	164.9	160.9	162.2	160.9	163.6	162.2	162.2	159.6	158.3	159.6
77.5°	124.0	125.3	122.7	124.0	122.7	124.0	124.0	122.7	122.7	122.7	122.7
80°	88.4	89.7	88.4	87.1	85.7	88.4	85.7	87.1	88.4	87.1	89.7
82.5°	56.7	56.7	55.4	56.7	54.1	54.1	55.4	55.4	54.1	56.7	54.1
85°	27.7	27.7	30.3	27.7	26.4	26.4	26.4	27.7	26.4	29.0	27.7
87.5°	6.6	5.3	6.6	6.6	5.3	5.3	6.6	5.3	6.6	7.9	5.3
90°	24.8	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	24.8
92.5°	54.2	51.1	50.4	47.3	48.1	46.6	48.1	47.3	50.4	51.1	54.2
95°	113.0	104.6	94.7	88.6	86.3	87.0	86.3	88.6	94.7	104.6	113.0
97.5°	226.7	203.8	174.1	158.8	150.4	145.8	150.4	158.8	174.1	203.8	226.7
100°	451.6	405.4	342.0	309.2	287.0	273.3	287.0	309.2	342.0	405.4	451.6
102.5°	763.4	713.8	643.5	581.7	552.7	532.8	552.7	581.7	643.5	713.8	763.4
105°	1011.1	998.5	951.2	903.9	871.0	860.3	871.0	903.9	951.2	998.5	1011.1
107.5°	1100.8	1116.1	1115.3	1108.4	1098.5	1081.0	1098.5	1108.4	1115.3	1116.1	1100.8
110°	1086.3	1117.6	1150.4	1164.9	1171.8	1171.0	1171.8	1164.9	1150.4	1117.6	1086.3

TEST NUMBER: P999175

CATALOG NUMBER: SA2XXDIP-B865D725UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	1037.0	1074.1	1122.9	1149.7	1164.2	1169.5	1164.2	1149.7	1122.9	1074.1	1037.0
115°	976.8	1016.1	1070.3	1105.4	1125.2	1132.1	1125.2	1105.4	1070.3	1016.1	976.8
117.5°	919.1	956.5	1012.3	1049.7	1070.3	1075.6	1070.3	1049.7	1012.3	956.5	919.1
120°	867.6	902.3	955.8	991.6	1013.8	1021.4	1013.8	991.6	955.8	902.3	867.6
122.5°	827.5	858.0	904.6	939.7	958.8	964.9	958.8	939.7	904.6	858.0	827.5
125°	791.2	819.9	864.2	893.2	912.2	918.4	912.2	893.2	864.2	819.9	791.2
127.5°	760.4	787.1	826.0	853.5	870.3	874.8	870.3	853.5	826.0	787.1	760.4
130°	729.0	754.2	791.6	817.6	832.9	839.0	832.9	817.6	791.6	754.2	729.0
132.5°	696.6	719.9	756.5	782.5	796.2	801.6	796.2	782.5	756.5	719.9	696.6
135°	664.9	686.3	719.1	744.3	758.0	761.1	758.0	744.3	719.1	686.3	664.9
137.5°	632.8	651.9	683.2	705.4	717.6	722.2	717.6	705.4	683.2	651.9	632.8
140°	604.6	621.4	645.8	665.7	677.1	681.7	677.1	665.7	645.8	621.4	604.6
142.5°	577.5	590.9	613.8	631.3	641.2	641.2	641.2	631.3	613.8	590.9	577.5
145°	555.3	566.4	584.8	597.7	605.4	607.7	605.4	597.7	584.8	566.4	555.3
147.5°	535.9	544.3	560.3	571.0	576.4	577.9	576.4	571.0	560.3	544.3	535.9
150°	519.1	526.0	537.4	546.6	551.2	551.9	551.2	546.6	537.4	526.0	519.1
152.5°	505.0	510.7	519.1	526.7	529.8	529.8	529.8	526.7	519.1	510.7	505.0
155°	491.2	495.4	503.8	509.2	512.2	510.7	512.2	509.2	503.8	495.4	491.2
157.5°	478.2	481.7	487.8	492.4	493.9	493.9	493.9	492.4	487.8	481.7	478.2
160°	465.3	468.0	473.3	477.1	477.9	477.9	477.9	477.1	473.3	468.0	465.3
162.5°	453.1	455.0	460.3	462.6	463.4	462.6	463.4	462.6	460.3	455.0	453.1
165°	441.2	442.8	445.8	448.9	448.9	448.1	448.9	448.9	445.8	442.8	441.2
167.5°	430.6	432.1	433.6	435.1	435.1	434.4	435.1	435.1	433.6	432.1	430.6
170°	420.6	421.4	422.2	424.4	423.7	422.2	423.7	424.4	422.2	421.4	420.6
172.5°	411.8	412.2	413.0	413.8	413.0	412.2	413.0	413.8	413.0	412.2	411.8
175°	405.0	405.4	405.4	406.1	405.4	403.8	405.4	406.1	405.4	405.4	405.0
177.5°	400.0	400.0	400.0	400.0	399.3	397.7	399.3	400.0	400.0	400.0	400.0
180°	397.0	397.0	397.0	397.0	397.0	397.0	397.0	397.0	397.0	397.0	397.0

TEST NUMBER: P999175

CATALOG NUMBER: SA2XXDIP-B865D725UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0	1716.0
2.5°	1628.9	1639.5	1635.5	1621.0	1638.2	1638.2	1650.0	1650.0	1664.6	1669.8	1677.7
5°	1536.6	1544.5	1551.1	1544.5	1556.4	1574.9	1585.4	1594.6	1614.4	1622.3	1634.2
7.5°	1437.7	1452.2	1458.8	1458.8	1478.6	1499.7	1520.8	1534.0	1561.7	1572.2	1584.1
10°	1341.4	1358.5	1371.7	1370.4	1403.4	1416.6	1443.0	1473.3	1501.0	1516.8	1534.0
12.5°	1239.8	1249.1	1267.5	1293.9	1301.8	1325.6	1355.9	1394.2	1444.3	1458.8	1483.9
15°	1155.4	1180.5	1195.0	1206.9	1225.3	1247.8	1280.7	1317.7	1367.8	1399.4	1425.8
17.5°	1084.2	1117.2	1126.4	1123.8	1147.5	1181.8	1220.1	1247.8	1292.6	1330.8	1355.9
20°	1026.2	1039.4	1055.2	1061.8	1080.2	1117.2	1154.1	1185.8	1222.7	1253.0	1282.0
22.5°	968.1	978.7	991.9	1003.7	1018.3	1039.4	1075.0	1114.5	1150.1	1179.2	1212.1
25°	920.6	927.2	939.1	948.3	964.2	978.7	1003.7	1047.3	1089.5	1106.6	1135.6
27.5°	874.5	879.8	887.7	898.2	906.1	920.6	943.1	978.7	1022.2	1039.4	1078.9
30°	833.6	837.6	845.5	850.7	854.7	871.8	889.0	916.7	949.7	973.4	1002.4
32.5°	795.3	799.3	807.2	808.5	813.8	823.0	838.9	863.9	892.9	912.7	937.8
35°	753.1	755.8	763.7	766.3	770.3	778.2	790.1	808.5	834.9	849.4	871.8
37.5°	720.2	718.8	724.1	728.1	733.4	737.3	741.3	759.7	779.5	792.7	809.9
40°	684.6	681.9	683.2	688.5	691.1	696.4	696.4	714.9	728.1	738.6	751.8
42.5°	648.9	647.6	645.0	647.6	650.3	651.6	652.9	666.1	679.3	688.5	703.0
45°	613.3	612.0	609.4	610.7	610.7	613.3	617.3	622.6	631.8	639.7	647.6
47.5°	580.4	577.7	573.8	572.4	575.1	575.1	575.1	580.4	589.6	592.2	600.1
50°	546.1	542.1	536.8	534.2	534.2	532.9	535.5	536.8	544.7	547.4	554.0
52.5°	509.1	506.5	501.2	495.9	497.3	494.6	495.9	497.3	499.9	503.8	507.8
55°	472.2	466.9	463.0	461.6	457.7	457.7	453.7	459.0	457.7	459.0	464.3
57.5°	436.6	431.3	424.7	422.1	418.1	416.8	414.2	412.8	414.2	418.1	422.1
60°	394.4	391.7	387.8	383.8	381.2	377.2	374.6	374.6	373.3	373.3	374.6
62.5°	353.5	352.2	346.9	345.6	342.9	340.3	336.3	333.7	333.7	336.3	337.7
65°	313.9	312.6	308.6	307.3	300.7	298.1	296.8	295.5	292.8	292.8	292.8
67.5°	277.0	273.0	273.0	266.4	261.2	258.5	255.9	254.6	254.6	254.6	255.9
70°	236.1	236.1	232.1	228.2	222.9	224.2	220.3	216.3	216.3	213.7	215.0
72.5°	196.5	195.2	191.3	189.9	186.0	182.0	179.4	182.0	178.1	176.7	178.1
75°	158.3	157.0	154.3	151.7	153.0	149.0	145.1	143.8	143.8	141.1	141.1
77.5°	121.3	124.0	118.7	117.4	114.8	112.1	110.8	109.5	109.5	109.5	112.1
80°	84.4	85.7	85.7	83.1	84.4	80.5	80.5	80.5	76.5	77.8	79.1
82.5°	54.1	54.1	52.8	54.1	52.8	52.8	51.4	51.4	50.1	50.1	51.4
85°	30.3	29.0	27.7	30.3	29.0	29.0	27.7	27.7	27.7	27.7	27.7
87.5°	6.6	7.9	7.9	7.9	7.9	9.2	9.2	9.2	10.6	10.6	10.6
90°	24.4	22.9	24.4	25.2	26.0	25.2	20.6	15.3	11.5	10.4	9.2
92.5°	57.3	65.7	77.1	98.5	117.6	116.0	90.1	61.1	40.5	36.3	32.1
95°	121.4	153.4	200.0	261.8	299.2	264.9	176.3	109.9	74.8	65.6	56.5
97.5°	249.6	326.7	409.2	491.6	487.8	377.1	234.4	142.0	97.0	86.6	76.3
100°	497.7	602.3	697.0	713.0	603.1	415.3	250.4	157.3	116.8	106.1	95.4
102.5°	813.0	882.5	885.5	795.4	606.9	400.8	251.2	171.0	134.4	123.7	113.0
105°	1023.7	1013.8	927.5	768.7	565.7	380.9	255.0	187.0	151.2	140.5	129.8
107.5°	1085.5	1010.7	882.5	712.2	527.5	370.2	263.4	203.1	167.9	157.2	146.6
110°	1055.0	957.3	820.6	659.6	501.5	367.2	274.1	219.1	185.5	174.4	163.4

TEST NUMBER: P999175

CATALOG NUMBER: SA2XXDIP-B865D725UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	1000.0	893.9	764.2	622.9	484.8	368.0	285.5	234.4	202.3	190.9	179.4
115°	937.4	837.4	719.9	593.9	473.3	371.0	297.0	250.4	217.6	207.3	197.0
117.5°	881.7	788.6	683.2	574.1	467.2	375.6	309.2	264.9	234.4	223.7	213.0
120°	832.9	751.9	657.3	558.8	461.8	380.2	321.4	280.2	250.4	239.7	229.0
122.5°	797.0	721.4	636.7	545.8	458.8	385.5	332.1	294.7	267.2	256.1	245.0
125°	762.6	695.4	616.8	533.6	455.0	390.9	343.5	309.2	281.7	271.0	260.3
127.5°	733.6	669.5	597.0	522.2	452.7	396.2	354.2	322.9	296.2	285.2	274.1
130°	703.8	643.5	577.9	510.7	451.2	402.3	364.1	335.1	308.4	297.7	287.0
132.5°	673.3	619.1	559.6	501.5	450.4	408.4	374.1	345.8	320.6	309.9	299.2
135°	643.5	593.2	542.8	493.1	449.6	413.0	382.5	355.7	331.3	320.6	309.9
137.5°	613.8	572.5	529.0	487.0	449.6	417.6	389.3	364.1	339.7	329.8	319.9
140°	587.8	552.7	516.0	481.7	448.9	420.6	394.7	371.0	348.1	338.2	328.3
142.5°	564.1	535.1	505.4	476.4	448.9	422.9	399.3	376.3	354.2	345.0	335.9
145°	544.3	520.6	495.4	471.8	447.3	424.4	403.1	381.7	361.1	352.7	344.3
147.5°	527.5	508.4	487.8	467.2	445.1	425.2	405.4	386.3	366.4	358.8	351.2
150°	512.2	496.2	479.4	461.1	442.8	424.4	406.9	389.3	371.8	364.9	358.0
152.5°	499.3	486.3	471.0	455.7	438.9	422.9	407.6	392.4	377.1	371.0	364.9
155°	487.0	475.6	463.4	448.9	434.4	421.4	408.4	395.4	382.5	376.8	371.0
157.5°	474.8	464.9	454.2	442.8	429.8	418.3	408.4	397.7	386.3	381.3	376.3
160°	462.6	454.2	445.8	435.9	425.2	416.0	408.4	399.3	390.1	385.9	381.7
162.5°	451.2	444.3	437.4	429.8	421.4	413.8	407.6	400.0	392.4	389.4	386.3
165°	439.7	434.4	429.0	422.9	416.0	410.7	406.1	400.8	393.9	391.6	389.3
167.5°	429.0	425.2	420.6	416.0	411.5	407.6	405.4	400.8	395.4	393.9	392.4
170°	419.9	416.8	414.5	410.7	407.6	405.4	403.8	400.0	396.2	395.0	393.9
172.5°	411.5	409.2	407.6	405.4	403.1	402.3	401.5	399.3	397.0	396.2	395.4
175°	404.6	403.8	403.1	400.8	400.0	399.3	400.0	398.5	397.0	396.6	396.2
177.5°	400.0	399.3	399.3	397.7	397.0	397.7	399.3	397.7	397.0	397.0	397.0
180°	397.0	397.0	397.0	397.0	397.0	397.0	397.0	397.0	397.0	397.0	397.0

TEST NUMBER: P999175

CATALOG NUMBER: SA2XXDIP-B865D725UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1716.0	1716.0	1716.0	1716.0
2.5°	1684.3	1684.3	1704.1	1725.2
5°	1647.4	1656.6	1688.3	1717.3
7.5°	1611.8	1627.6	1667.2	1704.1
10°	1568.3	1589.4	1638.2	1681.7
12.5°	1526.1	1545.8	1602.6	1651.4
15°	1466.7	1491.8	1552.4	1613.1
17.5°	1407.4	1432.4	1506.3	1577.5
20°	1337.4	1370.4	1453.5	1548.5
22.5°	1272.8	1313.7	1406.0	1482.5
25°	1201.6	1264.9	1350.6	1449.6
27.5°	1138.3	1201.6	1288.6	1388.9
30°	1067.1	1131.7	1221.4	1313.7
32.5°	998.5	1057.8	1144.9	1258.3
35°	927.2	984.0	1068.4	1183.1
37.5°	862.6	918.0	1010.3	1115.9
40°	799.3	857.3	936.5	1042.0
42.5°	739.9	791.4	862.6	968.1
45°	685.9	722.8	788.7	887.7
47.5°	629.2	662.1	722.8	821.7
50°	576.4	604.1	656.9	749.2
52.5°	525.0	548.7	597.5	671.4
55°	478.8	501.2	536.8	609.4
57.5°	431.3	448.5	482.7	540.8
60°	385.1	401.0	428.7	476.2
62.5°	339.0	352.2	378.5	416.8
65°	298.1	308.6	328.4	361.4
67.5°	258.5	265.1	280.9	307.3
70°	220.3	225.5	238.7	259.8
72.5°	179.4	184.7	199.2	213.7
75°	145.1	146.4	157.0	168.8
77.5°	113.4	112.1	120.0	129.3
80°	77.8	81.8	88.4	92.3
82.5°	52.8	54.1	56.7	59.4
85°	29.0	30.3	30.3	34.3
87.5°	11.9	13.2	13.2	14.5
90°	7.6	6.1	3.1	0.8
92.5°	26.0	22.1	16.0	11.5
95°	44.3	37.4	29.8	26.7
97.5°	62.6	52.7	44.3	39.7
100°	80.2	67.9	61.1	58.8
102.5°	97.0	84.7	77.9	76.3
105°	113.0	101.5	96.2	93.1
107.5°	129.8	119.1	113.7	111.5
110°	147.3	137.4	132.8	129.8



TEST NUMBER: P999175

CATALOG NUMBER: SA2XXDIP-B865D725UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	164.1	155.0	149.6	146.6
115°	181.7	172.5	167.9	164.1
117.5°	198.5	190.1	185.5	182.4
120°	213.7	206.9	202.3	199.2
122.5°	229.8	222.1	217.6	215.3
125°	245.0	235.9	231.3	229.0
127.5°	259.6	249.6	243.5	240.5
130°	271.8	261.1	253.4	250.4
132.5°	283.2	271.8	263.4	259.6
135°	292.4	280.9	271.8	268.7
137.5°	302.3	290.1	280.9	277.1
140°	311.5	299.2	290.1	287.0
142.5°	319.9	307.6	299.2	297.0
145°	329.0	317.6	309.9	306.9
147.5°	338.2	327.5	319.9	317.6
150°	346.6	336.7	330.5	328.3
152.5°	354.2	345.8	339.7	338.9
155°	362.6	354.2	349.6	348.9
157.5°	369.5	361.8	358.0	357.3
160°	375.6	369.5	366.4	365.7
162.5°	380.9	376.3	373.3	374.1
165°	385.5	380.9	379.4	380.2
167.5°	389.3	386.3	384.7	385.5
170°	392.4	390.1	389.3	390.9
172.5°	394.7	392.4	393.1	393.9
175°	396.2	394.7	395.4	396.2
177.5°	397.0	395.4	396.2	397.7
180°	397.0	397.0	397.0	397.0

TEST NUMBER: P999175

CATALOG NUMBER: SA2XXDIP-B865D725UB30-4F0-XX-W2A-A4

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	18.02	18.91	18.91	19.82	20.98	15.51	16.40	16.40	17.31	18.47
	3H	18.83	19.63	19.74	20.55	21.73	16.86	17.66	17.76	18.58	19.76
	4H	19.00	19.76	19.92	20.68	21.87	17.32	18.08	18.24	19.00	20.19
	6H	19.05	19.74	19.98	20.67	21.88	17.63	18.33	18.56	19.26	20.46
	8H	19.03	19.69	19.97	20.64	21.84	17.71	18.38	18.65	19.32	20.53
	12H	18.99	19.62	19.94	20.56	21.79	17.76	18.39	18.70	19.33	20.56
4H	2H	18.06	18.82	18.99	19.74	20.94	15.96	16.72	16.89	17.64	18.83
	3H	19.04	19.67	19.98	20.63	21.84	17.42	18.05	18.36	19.01	20.21
	4H	19.32	19.90	20.27	20.85	22.08	17.96	18.53	18.91	19.48	20.71
	6H	19.46	19.95	20.42	20.92	22.15	18.34	18.83	19.30	19.81	21.04
	8H	19.45	19.91	20.42	20.88	22.13	18.45	18.91	19.41	19.88	21.13
	12H	19.42	19.83	20.40	20.82	22.07	18.51	18.92	19.49	19.91	21.16
8H	4H	19.33	19.80	20.30	20.76	22.01	18.10	18.56	19.07	19.53	20.78
	6H	19.51	19.89	20.50	20.90	22.15	18.54	18.92	19.53	19.93	21.17
	8H	19.54	19.88	20.54	20.88	22.14	18.69	19.03	19.69	20.02	21.29
	12H	19.53	19.83	20.53	20.82	22.13	18.78	19.08	19.78	20.07	21.38
12H	4H	19.29	19.71	20.27	20.69	21.94	18.08	18.49	19.06	19.48	20.73
	6H	19.49	19.83	20.49	20.83	22.09	18.54	18.88	19.54	19.87	21.14
	8H	19.53	19.82	20.53	20.81	22.12	18.70	18.99	19.70	19.98	21.29