

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: P999211

Luminaire Tested: SA2XXDIP-B865D925UB27-4F0-XX-W2A-A4

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P999211
REPORT IS A COMBINATION OF REPORTS P984960 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXDIP-B865D925UB27-4F0-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

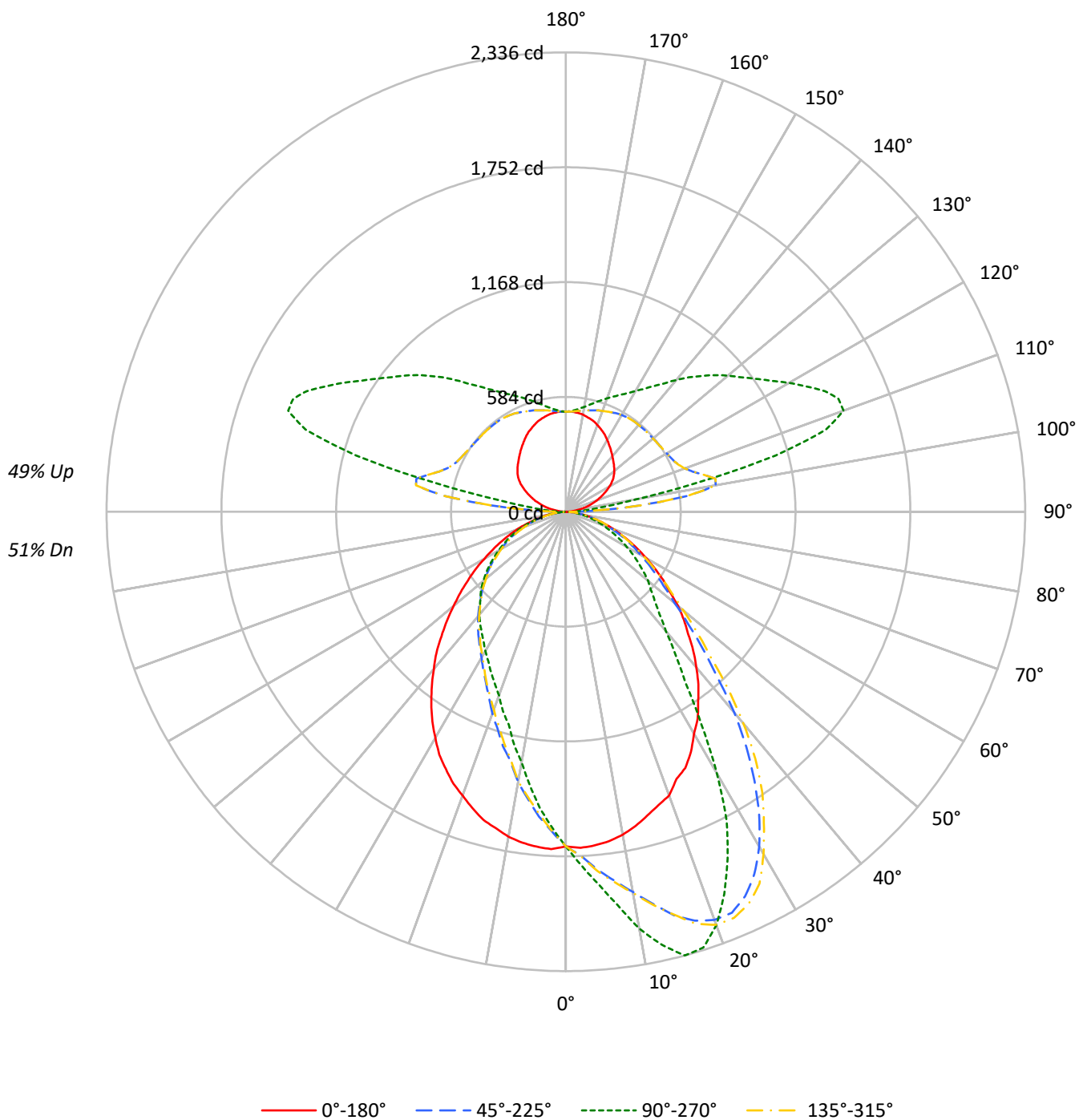
Lumens per Lamp: N/A
Luminaire Lumens: 7305.0 lumens
Efficiency: N/A
Efficacy: 97.0 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

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

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	107	107	107	107	99	99	99	99	84	84	84	70	70	70	57	57	57	57	57	51
1	99	94	91	87	91	88	84	81	74	72	70	63	61	59	52	50	49	49	49	44
2	90	83	77	72	83	77	72	68	66	62	59	56	53	50	46	44	42	42	42	38
3	83	73	66	61	76	68	62	57	59	54	50	50	46	43	41	39	37	37	37	33
4	76	65	58	52	70	61	54	49	52	47	43	44	41	37	37	34	32	32	32	29
5	70	58	51	45	64	55	48	42	47	42	38	40	36	33	34	31	28	28	28	25
6	64	53	45	39	60	49	42	37	43	37	33	37	32	29	31	28	25	25	25	22
7	60	48	40	35	55	45	38	33	39	33	29	33	29	26	28	25	23	23	23	20
8	56	43	36	31	51	41	34	29	36	30	26	31	26	23	26	23	20	20	20	18
9	52	40	32	28	48	37	31	26	33	27	24	28	24	21	24	21	18	18	18	16
10	48	37	30	25	45	34	28	24	30	25	21	26	22	19	22	19	17	17	17	15

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

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	162.1	2.2
10°-20°	471.7	6.5
20°-30°	684.6	9.4
30°-40°	721.7	9.9
40°-50°	638.6	8.7
50°-60°	509.9	7.0
60°-70°	346.4	4.7
70°-80°	177.2	2.4
80°-90°	45.1	0.6
90°-100°	198.6	2.7
100°-110°	699.4	9.6
110°-120°	734.5	10.1
120°-130°	604.3	8.3
130°-140°	485.4	6.6
140°-150°	366.7	5.0
150°-160°	257.8	3.5
160°-170°	151.7	2.1
170°-180°	49.4	0.7
0°-30°	1318.3	18.0
0°-40°	2040.0	27.9
0°-60°	3188.6	43.6
0°-90°	3757.3	51.4
90°-120°	1632.5	22.3
90°-150°	3088.8	42.3
90°-180°	3548.0	48.6
0°-180°	7305.0	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	32	1	32	1	4
95°	34	112	34	112	34	35
105°	120	1104	120	1104	120	127
115°	211	1453	211	1453	211	209
125°	294	1179	294	1179	294	261
135°	345	977	345	977	345	266
145°	394	780	394	780	394	247
155°	448	655	448	655	448	206
165°	488	575	488	575	488	138
175°	508	518	508	518	508	48
180°	509	509	509	509	509	

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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°	1.0	3.9	7.8	9.8	11.8	13.2	14.7	19.6	26.5	32.3	33.3
92.5°	14.7	20.6	28.4	33.3	41.1	46.5	51.9	78.4	115.6	148.9	150.9
95°	34.3	38.2	48.0	56.8	72.5	84.2	96.0	141.1	226.3	340.0	384.0
97.5°	50.9	56.8	67.6	80.3	98.0	111.2	124.4	182.2	300.8	484.0	626.0
100°	75.4	78.4	87.2	102.9	122.5	136.2	149.9	201.8	321.3	532.9	774.0
102.5°	98.0	99.9	108.7	124.4	145.0	158.7	172.4	219.4	322.3	514.3	778.8
105°	119.5	123.4	130.3	145.0	166.5	180.2	194.0	240.0	327.2	488.9	725.9
107.5°	143.0	146.0	152.8	166.5	188.1	201.8	215.5	260.6	338.0	475.1	677.0
110°	166.5	170.5	176.3	189.1	209.7	223.9	238.1	281.2	351.7	471.2	643.7

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	188.1	192.0	198.9	210.6	230.2	244.9	259.6	300.8	366.4	472.2	622.1
115°	210.6	215.5	221.4	233.2	252.8	266.0	279.2	321.3	381.1	476.1	607.4
117.5°	234.1	238.1	243.9	254.7	273.3	287.0	300.8	340.0	396.8	482.0	599.6
120°	255.7	259.6	265.5	274.3	293.9	307.6	321.3	359.5	412.4	487.9	592.7
122.5°	276.3	279.2	285.1	294.9	314.5	328.7	342.9	378.2	426.2	494.7	588.8
125°	293.9	296.8	302.7	314.5	334.1	347.8	361.5	396.8	440.9	501.6	583.9
127.5°	308.6	312.5	320.4	333.1	351.7	365.9	380.1	414.4	454.6	508.5	581.0
130°	321.3	325.3	335.1	348.8	368.4	382.1	395.8	430.1	467.3	516.3	579.0
132.5°	333.1	338.0	348.8	363.5	384.0	397.8	411.5	443.8	480.0	524.1	578.0
135°	344.8	348.8	360.5	375.2	397.8	411.5	425.2	456.5	490.8	530.0	577.0
137.5°	355.6	360.5	372.3	388.0	410.5	423.2	436.0	467.3	499.6	535.9	577.0
140°	368.4	372.3	384.0	399.7	421.3	434.0	446.7	476.1	506.5	539.8	576.1
142.5°	381.1	384.0	394.8	410.5	431.1	442.8	454.6	483.0	512.4	542.7	576.1
145°	393.8	397.8	407.5	422.2	441.8	452.6	463.4	489.8	517.3	544.7	574.1
147.5°	407.5	410.5	420.3	434.0	450.7	460.4	470.2	495.7	520.2	545.7	571.2
150°	421.3	424.2	432.0	444.8	459.5	468.3	477.1	499.6	522.2	544.7	568.2
152.5°	435.0	436.0	443.8	454.6	468.3	476.2	484.0	503.6	523.2	542.7	563.3
155°	447.7	448.7	454.6	465.4	476.1	483.4	490.8	507.5	524.1	540.8	557.4
157.5°	458.5	459.5	464.4	474.2	483.0	489.4	495.7	510.4	524.1	536.9	551.6
160°	469.3	470.2	474.2	482.0	489.8	495.2	500.6	512.4	524.1	533.9	545.7
162.5°	480.0	479.1	483.0	488.9	495.7	499.6	503.6	513.4	523.2	531.0	540.8
165°	487.9	486.9	488.9	494.7	499.6	502.6	505.5	514.3	521.2	527.1	533.9
167.5°	494.7	493.8	495.7	499.6	503.6	505.6	507.5	514.3	520.2	523.2	528.1
170°	501.6	499.6	500.6	503.6	505.5	507.0	508.5	513.4	518.3	520.2	523.2
172.5°	505.5	504.5	503.6	506.5	507.5	508.4	509.4	512.4	515.3	516.3	517.3
175°	508.5	507.5	506.5	508.5	508.5	509.0	509.4	511.4	513.4	512.4	513.4
177.5°	510.4	508.5	507.5	509.4	509.4	509.4	509.4	510.4	512.4	510.4	509.4
180°	509.4	509.4	509.4	509.4	509.4	509.4	509.4	509.4	509.4	509.4	509.4

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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°	32.3	31.3	29.4	31.3	31.8	32.3	32.3	32.3	32.3	32.3	32.3
92.5°	126.4	98.9	84.3	73.5	69.6	65.6	64.7	60.7	61.7	59.8	61.7
95°	336.0	256.7	196.9	155.8	145.0	134.2	121.5	113.6	110.7	111.7	110.7
97.5°	630.9	525.1	419.3	320.4	291.0	261.6	223.4	203.8	193.0	187.1	193.0
100°	915.0	894.5	773.0	638.8	579.5	520.2	438.9	396.8	368.4	350.7	368.4
102.5°	1020.8	1136.4	1132.5	1043.4	979.7	916.0	825.9	746.5	709.3	683.8	709.3
105°	986.5	1190.3	1301.0	1313.8	1297.6	1281.4	1220.7	1159.9	1117.8	1104.1	1117.8
107.5°	914.0	1132.5	1297.1	1393.1	1412.7	1432.3	1431.3	1422.5	1409.8	1387.2	1409.8
110°	846.4	1053.2	1228.5	1353.9	1394.1	1434.3	1476.4	1495.0	1503.8	1502.8	1503.8

TEST NUMBER: P999211

CATALOG NUMBER: SA2XXDIP-B865D925UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	799.4	980.7	1147.2	1283.4	1330.9	1378.4	1441.1	1475.4	1494.0	1500.9	1494.0
115°	762.2	923.8	1074.7	1203.1	1253.6	1304.0	1373.5	1418.6	1444.1	1452.9	1444.1
117.5°	736.7	876.8	1012.0	1131.5	1179.5	1227.5	1299.1	1347.1	1373.5	1380.4	1373.5
120°	717.1	843.5	965.0	1068.8	1113.4	1158.0	1226.6	1272.6	1301.0	1310.8	1301.0
122.5°	700.5	817.1	925.8	1022.8	1062.0	1101.2	1160.9	1206.0	1230.5	1238.3	1230.5
125°	684.8	791.6	892.5	978.7	1015.4	1052.2	1109.0	1146.2	1170.7	1178.6	1170.7
127.5°	670.1	766.1	859.2	941.5	975.8	1010.1	1060.0	1095.3	1116.8	1122.7	1116.8
130°	655.4	741.6	825.9	903.3	935.6	967.9	1015.9	1049.2	1068.8	1076.7	1068.8
132.5°	643.7	718.1	794.5	864.1	894.0	923.8	970.9	1004.2	1021.8	1028.7	1021.8
135°	632.9	696.6	761.2	825.9	853.3	880.7	922.9	955.2	972.8	976.7	972.8
137.5°	625.0	678.9	734.8	787.7	812.2	836.7	876.8	905.2	920.9	926.8	920.9
140°	618.2	662.3	709.3	754.4	776.0	797.5	828.8	854.3	869.0	874.9	869.0
142.5°	611.3	648.6	686.8	724.0	741.2	758.3	787.7	810.2	822.9	822.9	822.9
145°	605.4	635.8	668.1	698.5	712.7	726.9	750.4	767.1	776.9	779.8	776.9
147.5°	599.6	626.0	652.5	677.0	687.8	698.5	719.1	732.8	739.7	741.6	739.7
150°	591.7	615.2	636.8	657.4	666.2	675.0	689.7	701.5	707.3	708.3	707.3
152.5°	584.9	604.5	624.1	640.7	648.0	655.4	666.2	676.0	679.9	679.9	679.9
155°	576.1	594.7	610.3	625.0	630.4	635.8	646.6	653.4	657.4	655.4	657.4
157.5°	568.2	582.9	596.6	609.4	613.8	618.2	626.0	631.9	633.9	633.9	633.9
160°	559.4	572.1	582.9	593.7	597.1	600.5	607.4	612.3	613.3	613.3	613.3
162.5°	551.6	561.4	570.2	579.0	581.4	583.9	590.7	593.7	594.7	593.7	594.7
165°	542.7	550.6	557.4	564.3	566.2	568.2	572.1	576.1	576.1	575.1	576.1
167.5°	533.9	539.8	545.7	550.6	552.6	554.5	556.5	558.4	558.4	557.4	558.4
170°	527.1	532.0	534.9	538.8	539.8	540.8	541.8	544.7	543.7	541.8	543.7
172.5°	520.2	523.2	525.1	528.1	528.6	529.0	530.0	531.0	530.0	529.0	530.0
175°	514.3	517.3	518.3	519.2	519.7	520.2	520.2	521.2	520.2	518.3	520.2
177.5°	510.4	512.4	512.4	513.4	513.4	513.4	513.4	513.4	512.4	510.4	512.4
180°	509.4	509.4	509.4	509.4	509.4	509.4	509.4	509.4	509.4	509.4	509.4

TEST NUMBER: P999211

CATALOG NUMBER: SA2XXDIP-B865D925UB27-4F0-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°	32.3	32.3	32.3	31.8	31.3	29.4	31.3	32.3	33.3	32.3	26.5
92.5°	60.7	64.7	65.6	69.6	73.5	84.3	98.9	126.4	150.9	148.9	115.6
95°	113.6	121.5	134.2	145.0	155.8	196.9	256.7	336.0	384.0	340.0	226.3
97.5°	203.8	223.4	261.6	291.0	320.4	419.3	525.1	630.9	626.0	484.0	300.8
100°	396.8	438.9	520.2	579.5	638.8	773.0	894.5	915.0	774.0	532.9	321.3
102.5°	746.5	825.9	916.0	979.7	1043.4	1132.5	1136.4	1020.8	778.8	514.3	322.3
105°	1159.9	1220.7	1281.4	1297.6	1313.8	1301.0	1190.3	986.5	725.9	488.9	327.2
107.5°	1422.5	1431.3	1432.3	1412.7	1393.1	1297.1	1132.5	914.0	677.0	475.1	338.0
110°	1495.0	1476.4	1434.3	1394.1	1353.9	1228.5	1053.2	846.4	643.7	471.2	351.7

TEST NUMBER: P999211

CATALOG NUMBER: SA2XXDIP-B865D925UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	1475.4	1441.1	1378.4	1330.9	1283.4	1147.2	980.7	799.4	622.1	472.2	366.4
115°	1418.6	1373.5	1304.0	1253.6	1203.1	1074.7	923.8	762.2	607.4	476.1	381.1
117.5°	1347.1	1299.1	1227.5	1179.5	1131.5	1012.0	876.8	736.7	599.6	482.0	396.8
120°	1272.6	1226.6	1158.0	1113.4	1068.8	965.0	843.5	717.1	592.7	487.9	412.4
122.5°	1206.0	1160.9	1101.2	1062.0	1022.8	925.8	817.1	700.5	588.8	494.7	426.2
125°	1146.2	1109.0	1052.2	1015.4	978.7	892.5	791.6	684.8	583.9	501.6	440.9
127.5°	1095.3	1060.0	1010.1	975.8	941.5	859.2	766.1	670.1	581.0	508.5	454.6
130°	1049.2	1015.9	967.9	935.6	903.3	825.9	741.6	655.4	579.0	516.3	467.3
132.5°	1004.2	970.9	923.8	894.0	864.1	794.5	718.1	643.7	578.0	524.1	480.0
135°	955.2	922.9	880.7	853.3	825.9	761.2	696.6	632.9	577.0	530.0	490.8
137.5°	905.2	876.8	836.7	812.2	787.7	734.8	678.9	625.0	577.0	535.9	499.6
140°	854.3	828.8	797.5	776.0	754.4	709.3	662.3	618.2	576.1	539.8	506.5
142.5°	810.2	787.7	758.3	741.2	724.0	686.8	648.6	611.3	576.1	542.7	512.4
145°	767.1	750.4	726.9	712.7	698.5	668.1	635.8	605.4	574.1	544.7	517.3
147.5°	732.8	719.1	698.5	687.8	677.0	652.5	626.0	599.6	571.2	545.7	520.2
150°	701.5	689.7	675.0	666.2	657.4	636.8	615.2	591.7	568.2	544.7	522.2
152.5°	676.0	666.2	655.4	648.0	640.7	624.1	604.5	584.9	563.3	542.7	523.2
155°	653.4	646.6	635.8	630.4	625.0	610.3	594.7	576.1	557.4	540.8	524.1
157.5°	631.9	626.0	618.2	613.8	609.4	596.6	582.9	568.2	551.6	536.9	524.1
160°	612.3	607.4	600.5	597.1	593.7	582.9	572.1	559.4	545.7	533.9	524.1
162.5°	593.7	590.7	583.9	581.4	579.0	570.2	561.4	551.6	540.8	531.0	523.2
165°	576.1	572.1	568.2	566.2	564.3	557.4	550.6	542.7	533.9	527.1	521.2
167.5°	558.4	556.5	554.5	552.6	550.6	545.7	539.8	533.9	528.1	523.2	520.2
170°	544.7	541.8	540.8	539.8	538.8	534.9	532.0	527.1	523.2	520.2	518.3
172.5°	531.0	530.0	529.0	528.6	528.1	525.1	523.2	520.2	517.3	516.3	515.3
175°	521.2	520.2	520.2	519.7	519.2	518.3	517.3	514.3	513.4	512.4	513.4
177.5°	513.4	513.4	513.4	513.4	513.4	512.4	512.4	510.4	509.4	510.4	512.4
180°	509.4	509.4	509.4	509.4	509.4	509.4	509.4	509.4	509.4	509.4	509.4

TEST NUMBER: P999211

CATALOG NUMBER: SA2XXDIP-B865D925UB27-4F0-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°	19.6	14.7	13.2	11.8	9.8	7.8	3.9	1.0	3.9	7.8	9.8
92.5°	78.4	51.9	46.5	41.1	33.3	28.4	20.6	14.7	20.6	28.4	33.3
95°	141.1	96.0	84.2	72.5	56.8	48.0	38.2	34.3	38.2	48.0	56.8
97.5°	182.2	124.4	111.2	98.0	80.3	67.6	56.8	50.9	56.8	67.6	80.3
100°	201.8	149.9	136.2	122.5	102.9	87.2	78.4	75.4	78.4	87.2	102.9
102.5°	219.4	172.4	158.7	145.0	124.4	108.7	99.9	98.0	99.9	108.7	124.4
105°	240.0	194.0	180.2	166.5	145.0	130.3	123.4	119.5	123.4	130.3	145.0
107.5°	260.6	215.5	201.8	188.1	166.5	152.8	146.0	143.0	146.0	152.8	166.5
110°	281.2	238.1	223.9	209.7	189.1	176.3	170.5	166.5	170.5	176.3	189.1

TEST NUMBER: P999211

CATALOG NUMBER: SA2XXDIP-B865D925UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	300.8	259.6	244.9	230.2	210.6	198.9	192.0	188.1	192.0	198.9	210.6
115°	321.3	279.2	266.0	252.8	233.2	221.4	215.5	210.6	215.5	221.4	233.2
117.5°	340.0	300.8	287.0	273.3	254.7	243.9	238.1	234.1	238.1	243.9	254.7
120°	359.5	321.3	307.6	293.9	274.3	265.5	259.6	255.7	259.6	265.5	274.3
122.5°	378.2	342.9	328.7	314.5	294.9	285.1	279.2	276.3	279.2	285.1	294.9
125°	396.8	361.5	347.8	334.1	314.5	302.7	296.8	293.9	296.8	302.7	314.5
127.5°	414.4	380.1	365.9	351.7	333.1	320.4	312.5	308.6	312.5	320.4	333.1
130°	430.1	395.8	382.1	368.4	348.8	335.1	325.3	321.3	325.3	335.1	348.8
132.5°	443.8	411.5	397.8	384.0	363.5	348.8	338.0	333.1	338.0	348.8	363.5
135°	456.5	425.2	411.5	397.8	375.2	360.5	348.8	344.8	348.8	360.5	375.2
137.5°	467.3	436.0	423.2	410.5	388.0	372.3	360.5	355.6	360.5	372.3	388.0
140°	476.1	446.7	434.0	421.3	399.7	384.0	372.3	368.4	372.3	384.0	399.7
142.5°	483.0	454.6	442.8	431.1	410.5	394.8	384.0	381.1	384.0	394.8	410.5
145°	489.8	463.4	452.6	441.8	422.2	407.5	397.8	393.8	397.8	407.5	422.2
147.5°	495.7	470.2	460.4	450.7	434.0	420.3	410.5	407.5	410.5	420.3	434.0
150°	499.6	477.1	468.3	459.5	444.8	432.0	424.2	421.3	424.2	432.0	444.8
152.5°	503.6	484.0	476.2	468.3	454.6	443.8	436.0	435.0	436.0	443.8	454.6
155°	507.5	490.8	483.4	476.1	465.4	454.6	448.7	447.7	448.7	454.6	465.4
157.5°	510.4	495.7	489.4	483.0	474.2	464.4	459.5	458.5	459.5	464.4	474.2
160°	512.4	500.6	495.2	489.8	482.0	474.2	470.2	469.3	470.2	474.2	482.0
162.5°	513.4	503.6	499.6	495.7	488.9	483.0	479.1	480.0	479.1	483.0	488.9
165°	514.3	505.5	502.6	499.6	494.7	488.9	486.9	487.9	486.9	488.9	494.7
167.5°	514.3	507.5	505.6	503.6	499.6	495.7	493.8	494.7	493.8	495.7	499.6
170°	513.4	508.5	507.0	505.5	503.6	500.6	499.6	501.6	499.6	500.6	503.6
172.5°	512.4	509.4	508.4	507.5	506.5	503.6	504.5	505.5	504.5	503.6	506.5
175°	511.4	509.4	509.0	508.5	508.5	506.5	507.5	508.5	507.5	506.5	508.5
177.5°	510.4	509.4	509.4	509.4	509.4	507.5	508.5	510.4	508.5	507.5	509.4
180°	509.4	509.4	509.4	509.4	509.4	509.4	509.4	509.4	509.4	509.4	509.4

TEST NUMBER: P999211

CATALOG NUMBER: SA2XXDIP-B865D925UB27-4F0-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°	11.8	13.2	14.7	19.6	26.5	32.3	33.3	32.3	31.3	29.4	31.3
92.5°	41.1	46.5	51.9	78.4	115.6	148.9	150.9	126.4	98.9	84.3	73.5
95°	72.5	84.2	96.0	141.1	226.3	340.0	384.0	336.0	256.7	196.9	155.8
97.5°	98.0	111.2	124.4	182.2	300.8	484.0	626.0	630.9	525.1	419.3	320.4
100°	122.5	136.2	149.9	201.8	321.3	532.9	774.0	915.0	894.5	773.0	638.8
102.5°	145.0	158.7	172.4	219.4	322.3	514.3	778.8	1020.8	1136.4	1132.5	1043.4
105°	166.5	180.2	194.0	240.0	327.2	488.9	725.9	986.5	1190.3	1301.0	1313.8
107.5°	188.1	201.8	215.5	260.6	338.0	475.1	677.0	914.0	1132.5	1297.1	1393.1
110°	209.7	223.9	238.1	281.2	351.7	471.2	643.7	846.4	1053.2	1228.5	1353.9

TEST NUMBER: P999211

CATALOG NUMBER: SA2XXDIP-B865D925UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	230.2	244.9	259.6	300.8	366.4	472.2	622.1	799.4	980.7	1147.2	1283.4
115°	252.8	266.0	279.2	321.3	381.1	476.1	607.4	762.2	923.8	1074.7	1203.1
117.5°	273.3	287.0	300.8	340.0	396.8	482.0	599.6	736.7	876.8	1012.0	1131.5
120°	293.9	307.6	321.3	359.5	412.4	487.9	592.7	717.1	843.5	965.0	1068.8
122.5°	314.5	328.7	342.9	378.2	426.2	494.7	588.8	700.5	817.1	925.8	1022.8
125°	334.1	347.8	361.5	396.8	440.9	501.6	583.9	684.8	791.6	892.5	978.7
127.5°	351.7	365.9	380.1	414.4	454.6	508.5	581.0	670.1	766.1	859.2	941.5
130°	368.4	382.1	395.8	430.1	467.3	516.3	579.0	655.4	741.6	825.9	903.3
132.5°	384.0	397.8	411.5	443.8	480.0	524.1	578.0	643.7	718.1	794.5	864.1
135°	397.8	411.5	425.2	456.5	490.8	530.0	577.0	632.9	696.6	761.2	825.9
137.5°	410.5	423.2	436.0	467.3	499.6	535.9	577.0	625.0	678.9	734.8	787.7
140°	421.3	434.0	446.7	476.1	506.5	539.8	576.1	618.2	662.3	709.3	754.4
142.5°	431.1	442.8	454.6	483.0	512.4	542.7	576.1	611.3	648.6	686.8	724.0
145°	441.8	452.6	463.4	489.8	517.3	544.7	574.1	605.4	635.8	668.1	698.5
147.5°	450.7	460.4	470.2	495.7	520.2	545.7	571.2	599.6	626.0	652.5	677.0
150°	459.5	468.3	477.1	499.6	522.2	544.7	568.2	591.7	615.2	636.8	657.4
152.5°	468.3	476.2	484.0	503.6	523.2	542.7	563.3	584.9	604.5	624.1	640.7
155°	476.1	483.4	490.8	507.5	524.1	540.8	557.4	576.1	594.7	610.3	625.0
157.5°	483.0	489.4	495.7	510.4	524.1	536.9	551.6	568.2	582.9	596.6	609.4
160°	489.8	495.2	500.6	512.4	524.1	533.9	545.7	559.4	572.1	582.9	593.7
162.5°	495.7	499.6	503.6	513.4	523.2	531.0	540.8	551.6	561.4	570.2	579.0
165°	499.6	502.6	505.5	514.3	521.2	527.1	533.9	542.7	550.6	557.4	564.3
167.5°	503.6	505.6	507.5	514.3	520.2	523.2	528.1	533.9	539.8	545.7	550.6
170°	505.5	507.0	508.5	513.4	518.3	520.2	523.2	527.1	532.0	534.9	538.8
172.5°	507.5	508.4	509.4	512.4	515.3	516.3	517.3	520.2	523.2	525.1	528.1
175°	508.5	509.0	509.4	511.4	513.4	512.4	513.4	514.3	517.3	518.3	519.2
177.5°	509.4	509.4	509.4	510.4	512.4	510.4	509.4	510.4	512.4	512.4	513.4
180°	509.4	509.4	509.4	509.4	509.4	509.4	509.4	509.4	509.4	509.4	509.4

TEST NUMBER: P999211

CATALOG NUMBER: SA2XXDIP-B865D925UB27-4F0-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°	31.8	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	31.8
92.5°	69.6	65.6	64.7	60.7	61.7	59.8	61.7	60.7	64.7	65.6	69.6
95°	145.0	134.2	121.5	113.6	110.7	111.7	110.7	113.6	121.5	134.2	145.0
97.5°	291.0	261.6	223.4	203.8	193.0	187.1	193.0	203.8	223.4	261.6	291.0
100°	579.5	520.2	438.9	396.8	368.4	350.7	368.4	396.8	438.9	520.2	579.5
102.5°	979.7	916.0	825.9	746.5	709.3	683.8	709.3	746.5	825.9	916.0	979.7
105°	1297.6	1281.4	1220.7	1159.9	1117.8	1104.1	1117.8	1159.9	1220.7	1281.4	1297.6
107.5°	1412.7	1432.3	1431.3	1422.5	1409.8	1387.2	1409.8	1422.5	1431.3	1432.3	1412.7
110°	1394.1	1434.3	1476.4	1495.0	1503.8	1502.8	1503.8	1495.0	1476.4	1434.3	1394.1

TEST NUMBER: P999211

CATALOG NUMBER: SA2XXDIP-B865D925UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	1330.9	1378.4	1441.1	1475.4	1494.0	1500.9	1494.0	1475.4	1441.1	1378.4	1330.9
115°	1253.6	1304.0	1373.5	1418.6	1444.1	1452.9	1444.1	1418.6	1373.5	1304.0	1253.6
117.5°	1179.5	1227.5	1299.1	1347.1	1373.5	1380.4	1373.5	1347.1	1299.1	1227.5	1179.5
120°	1113.4	1158.0	1226.6	1272.6	1301.0	1310.8	1301.0	1272.6	1226.6	1158.0	1113.4
122.5°	1062.0	1101.2	1160.9	1206.0	1230.5	1238.3	1230.5	1206.0	1160.9	1101.2	1062.0
125°	1015.4	1052.2	1109.0	1146.2	1170.7	1178.6	1170.7	1146.2	1109.0	1052.2	1015.4
127.5°	975.8	1010.1	1060.0	1095.3	1116.8	1122.7	1116.8	1095.3	1060.0	1010.1	975.8
130°	935.6	967.9	1015.9	1049.2	1068.8	1076.7	1068.8	1049.2	1015.9	967.9	935.6
132.5°	894.0	923.8	970.9	1004.2	1021.8	1028.7	1021.8	1004.2	970.9	923.8	894.0
135°	853.3	880.7	922.9	955.2	972.8	976.7	972.8	955.2	922.9	880.7	853.3
137.5°	812.2	836.7	876.8	905.2	920.9	926.8	920.9	905.2	876.8	836.7	812.2
140°	776.0	797.5	828.8	854.3	869.0	874.9	869.0	854.3	828.8	797.5	776.0
142.5°	741.2	758.3	787.7	810.2	822.9	822.9	822.9	810.2	787.7	758.3	741.2
145°	712.7	726.9	750.4	767.1	776.9	779.8	776.9	767.1	750.4	726.9	712.7
147.5°	687.8	698.5	719.1	732.8	739.7	741.6	739.7	732.8	719.1	698.5	687.8
150°	666.2	675.0	689.7	701.5	707.3	708.3	707.3	701.5	689.7	675.0	666.2
152.5°	648.0	655.4	666.2	676.0	679.9	679.9	679.9	676.0	666.2	655.4	648.0
155°	630.4	635.8	646.6	653.4	657.4	655.4	657.4	653.4	646.6	635.8	630.4
157.5°	613.8	618.2	626.0	631.9	633.9	633.9	633.9	631.9	626.0	618.2	613.8
160°	597.1	600.5	607.4	612.3	613.3	613.3	613.3	612.3	607.4	600.5	597.1
162.5°	581.4	583.9	590.7	593.7	594.7	593.7	594.7	593.7	590.7	583.9	581.4
165°	566.2	568.2	572.1	576.1	576.1	575.1	576.1	576.1	572.1	568.2	566.2
167.5°	552.6	554.5	556.5	558.4	558.4	557.4	558.4	558.4	556.5	554.5	552.6
170°	539.8	540.8	541.8	544.7	543.7	541.8	543.7	544.7	541.8	540.8	539.8
172.5°	528.6	529.0	530.0	531.0	530.0	529.0	530.0	531.0	530.0	529.0	528.6
175°	519.7	520.2	520.2	521.2	520.2	518.3	520.2	521.2	520.2	520.2	519.7
177.5°	513.4	513.4	513.4	513.4	512.4	510.4	512.4	513.4	513.4	513.4	513.4
180°	509.4	509.4	509.4	509.4	509.4	509.4	509.4	509.4	509.4	509.4	509.4

TEST NUMBER: P999211

CATALOG NUMBER: SA2XXDIP-B865D925UB27-4F0-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°	31.3	29.4	31.3	32.3	33.3	32.3	26.5	19.6	14.7	13.2	11.8
92.5°	73.5	84.3	98.9	126.4	150.9	148.9	115.6	78.4	51.9	46.5	41.1
95°	155.8	196.9	256.7	336.0	384.0	340.0	226.3	141.1	96.0	84.2	72.5
97.5°	320.4	419.3	525.1	630.9	626.0	484.0	300.8	182.2	124.4	111.2	98.0
100°	638.8	773.0	894.5	915.0	774.0	532.9	321.3	201.8	149.9	136.2	122.5
102.5°	1043.4	1132.5	1136.4	1020.8	778.8	514.3	322.3	219.4	172.4	158.7	145.0
105°	1313.8	1301.0	1190.3	986.5	725.9	488.9	327.2	240.0	194.0	180.2	166.5
107.5°	1393.1	1297.1	1132.5	914.0	677.0	475.1	338.0	260.6	215.5	201.8	188.1
110°	1353.9	1228.5	1053.2	846.4	643.7	471.2	351.7	281.2	238.1	223.9	209.7

TEST NUMBER: P999211

CATALOG NUMBER: SA2XXDIP-B865D925UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	1283.4	1147.2	980.7	799.4	622.1	472.2	366.4	300.8	259.6	244.9	230.2
115°	1203.1	1074.7	923.8	762.2	607.4	476.1	381.1	321.3	279.2	266.0	252.8
117.5°	1131.5	1012.0	876.8	736.7	599.6	482.0	396.8	340.0	300.8	287.0	273.3
120°	1068.8	965.0	843.5	717.1	592.7	487.9	412.4	359.5	321.3	307.6	293.9
122.5°	1022.8	925.8	817.1	700.5	588.8	494.7	426.2	378.2	342.9	328.7	314.5
125°	978.7	892.5	791.6	684.8	583.9	501.6	440.9	396.8	361.5	347.8	334.1
127.5°	941.5	859.2	766.1	670.1	581.0	508.5	454.6	414.4	380.1	365.9	351.7
130°	903.3	825.9	741.6	655.4	579.0	516.3	467.3	430.1	395.8	382.1	368.4
132.5°	864.1	794.5	718.1	643.7	578.0	524.1	480.0	443.8	411.5	397.8	384.0
135°	825.9	761.2	696.6	632.9	577.0	530.0	490.8	456.5	425.2	411.5	397.8
137.5°	787.7	734.8	678.9	625.0	577.0	535.9	499.6	467.3	436.0	423.2	410.5
140°	754.4	709.3	662.3	618.2	576.1	539.8	506.5	476.1	446.7	434.0	421.3
142.5°	724.0	686.8	648.6	611.3	576.1	542.7	512.4	483.0	454.6	442.8	431.1
145°	698.5	668.1	635.8	605.4	574.1	544.7	517.3	489.8	463.4	452.6	441.8
147.5°	677.0	652.5	626.0	599.6	571.2	545.7	520.2	495.7	470.2	460.4	450.7
150°	657.4	636.8	615.2	591.7	568.2	544.7	522.2	499.6	477.1	468.3	459.5
152.5°	640.7	624.1	604.5	584.9	563.3	542.7	523.2	503.6	484.0	476.2	468.3
155°	625.0	610.3	594.7	576.1	557.4	540.8	524.1	507.5	490.8	483.4	476.1
157.5°	609.4	596.6	582.9	568.2	551.6	536.9	524.1	510.4	495.7	489.4	483.0
160°	593.7	582.9	572.1	559.4	545.7	533.9	524.1	512.4	500.6	495.2	489.8
162.5°	579.0	570.2	561.4	551.6	540.8	531.0	523.2	513.4	503.6	499.6	495.7
165°	564.3	557.4	550.6	542.7	533.9	527.1	521.2	514.3	505.5	502.6	499.6
167.5°	550.6	545.7	539.8	533.9	528.1	523.2	520.2	514.3	507.5	505.6	503.6
170°	538.8	534.9	532.0	527.1	523.2	520.2	518.3	513.4	508.5	507.0	505.5
172.5°	528.1	525.1	523.2	520.2	517.3	516.3	515.3	512.4	509.4	508.4	507.5
175°	519.2	518.3	517.3	514.3	513.4	512.4	513.4	511.4	509.4	509.0	508.5
177.5°	513.4	512.4	512.4	510.4	509.4	510.4	512.4	510.4	509.4	509.4	509.4
180°	509.4	509.4	509.4	509.4	509.4	509.4	509.4	509.4	509.4	509.4	509.4

TEST NUMBER: P999211

CATALOG NUMBER: SA2XXDIP-B865D925UB27-4F0-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°	9.8	7.8	3.9	1.0
92.5°	33.3	28.4	20.6	14.7
95°	56.8	48.0	38.2	34.3
97.5°	80.3	67.6	56.8	50.9
100°	102.9	87.2	78.4	75.4
102.5°	124.4	108.7	99.9	98.0
105°	145.0	130.3	123.4	119.5
107.5°	166.5	152.8	146.0	143.0
110°	189.1	176.3	170.5	166.5

TEST NUMBER: P999211

CATALOG NUMBER: SA2XXDIP-B865D925UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	210.6	198.9	192.0	188.1
115°	233.2	221.4	215.5	210.6
117.5°	254.7	243.9	238.1	234.1
120°	274.3	265.5	259.6	255.7
122.5°	294.9	285.1	279.2	276.3
125°	314.5	302.7	296.8	293.9
127.5°	333.1	320.4	312.5	308.6
130°	348.8	335.1	325.3	321.3
132.5°	363.5	348.8	338.0	333.1
135°	375.2	360.5	348.8	344.8
137.5°	388.0	372.3	360.5	355.6
140°	399.7	384.0	372.3	368.4
142.5°	410.5	394.8	384.0	381.1
145°	422.2	407.5	397.8	393.8
147.5°	434.0	420.3	410.5	407.5
150°	444.8	432.0	424.2	421.3
152.5°	454.6	443.8	436.0	435.0
155°	465.4	454.6	448.7	447.7
157.5°	474.2	464.4	459.5	458.5
160°	482.0	474.2	470.2	469.3
162.5°	488.9	483.0	479.1	480.0
165°	494.7	488.9	486.9	487.9
167.5°	499.6	495.7	493.8	494.7
170°	503.6	500.6	499.6	501.6
172.5°	506.5	503.6	504.5	505.5
175°	508.5	506.5	507.5	508.5
177.5°	509.4	507.5	508.5	510.4
180°	509.4	509.4	509.4	509.4

TEST NUMBER: P999211

CATALOG NUMBER: SA2XXDIP-B865D925UB27-4F0-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	17.42	18.26	18.37	19.22	20.47	14.91	15.75	15.86	16.71	17.97
	3H	18.23	18.98	19.19	19.95	21.23	16.25	17.01	17.22	17.98	19.25
	4H	18.40	19.11	19.37	20.08	21.37	16.72	17.43	17.69	18.40	19.69
	6H	18.44	19.09	19.43	20.08	21.37	17.02	17.68	18.01	18.66	19.95
	8H	18.42	19.04	19.41	20.04	21.33	17.11	17.73	18.10	18.72	20.02
	12H	18.38	18.97	19.38	19.96	21.28	17.15	17.74	18.15	18.73	20.05
4H	2H	17.46	18.17	18.44	19.14	20.43	15.35	16.07	16.34	17.04	18.33
	3H	18.44	19.03	19.43	20.03	21.33	16.81	17.40	17.81	18.41	19.71
	4H	18.71	19.25	19.71	20.25	21.57	17.35	17.89	18.35	18.89	20.21
	6H	18.84	19.30	19.85	20.33	21.65	17.73	18.19	18.74	19.21	20.53
	8H	18.84	19.27	19.85	20.29	21.62	17.84	18.27	18.85	19.28	20.62
	12H	18.80	19.19	19.83	20.22	21.56	17.89	18.28	18.92	19.31	20.65
8H	4H	18.72	19.15	19.73	20.17	21.50	17.49	17.92	18.50	18.94	20.27
	6H	18.90	19.25	19.93	20.31	21.64	17.92	18.28	18.96	19.34	20.67
	8H	18.93	19.24	19.97	20.28	21.64	18.07	18.39	19.12	19.43	20.78
	12H	18.91	19.19	19.96	20.22	21.62	18.16	18.44	19.21	19.48	20.87
12H	4H	18.68	19.07	19.71	20.10	21.44	17.46	17.85	18.49	18.88	20.22
	6H	18.88	19.19	19.92	20.23	21.58	17.92	18.24	18.97	19.28	20.63
	8H	18.91	19.18	19.96	20.22	21.62	18.08	18.35	19.13	19.39	20.79