

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: P999244

Luminaire Tested: SA2XXDIP-B865D925UB35-4F0-XX-W2A-A4

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P999244
REPORT IS A COMBINATION OF REPORTS P984993 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXDIP-B865D925UB35-4F0-XX-W2A-A4
Description: Define 2 Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

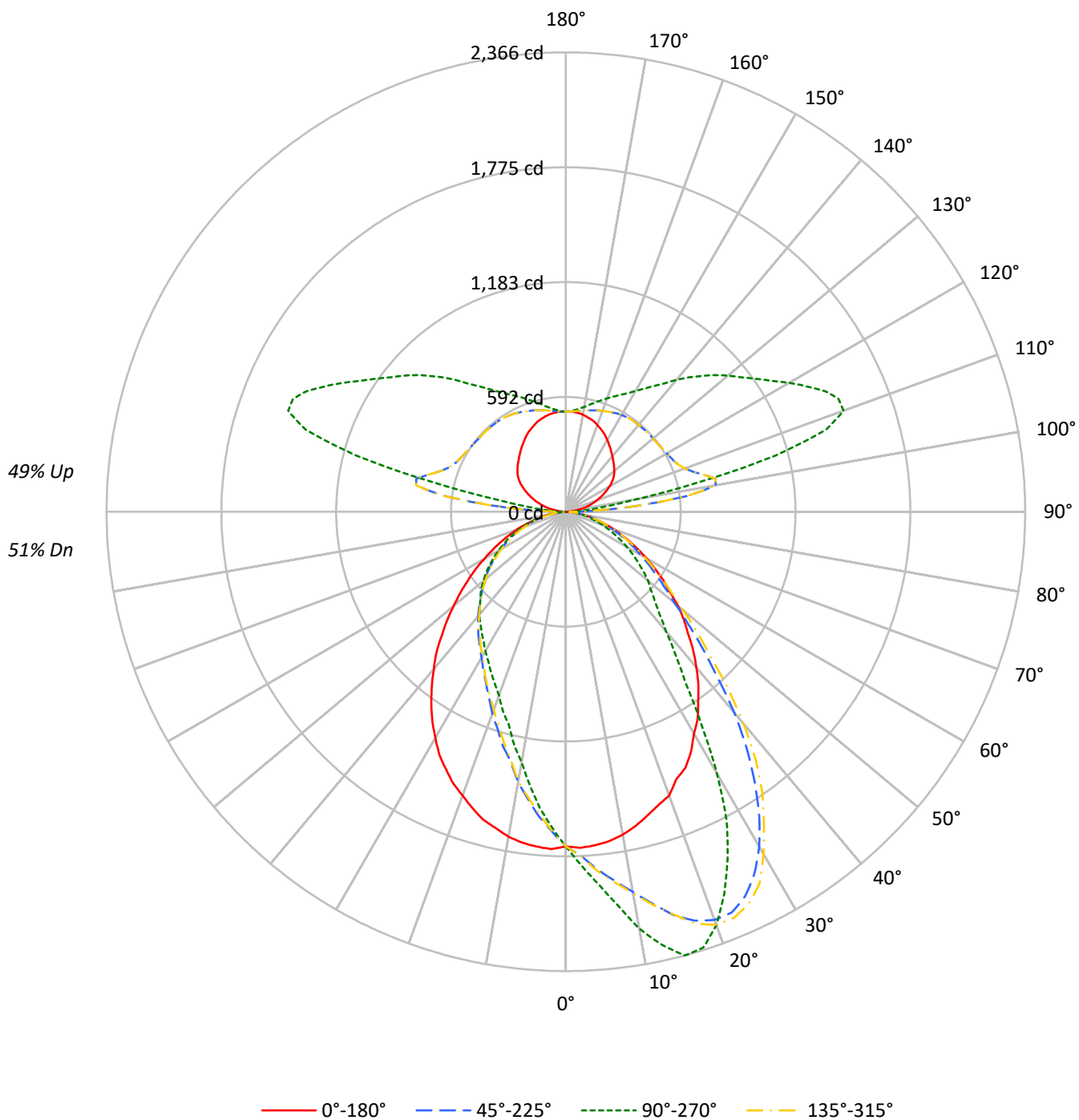
Lumens per Lamp: N/A
Luminaire Lumens: 7399.0 lumens
Efficiency: N/A
Efficacy: 98.3 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

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

TEST NUMBER: P999244

CATALOG NUMBER: SA2XXDIP-B865D925UB35-4F0-XX-W2A-A4

Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	27277	27277	27277	27277
5°	27344	29085	27448	23140
10°	27026	31750	27195	19078
15°	26370	33490	26736	16069
20°	25958	31444	25958	13968
25°	25132	27013	25246	12490
30°	23771	21235	24223	11314
35°	22564	14684	22942	10351
40°	21178	11087	21419	9583
45°	19468	9111	19787	8756
50°	17990	7996	18024	8016
55°	16305	6814	16411	7211
60°	14511	5691	14711	6293
65°	12901	4629	13139	5374
70°	11299	3632	11589	4334
75°	9482	2638	9857	3143
80°	7401	1671	7928	1865
85°	4859	842	5241	623

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 28197 cd/sqm

TEST NUMBER: P999244

CATALOG NUMBER: SA2XXDIP-B865D925UB35-4F0-XX-W2A-A4

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	164.1	2.2
10°-20°	477.7	6.5
20°-30°	693.3	9.4
30°-40°	730.9	9.9
40°-50°	646.8	8.7
50°-60°	516.4	7.0
60°-70°	350.8	4.7
70°-80°	179.5	2.4
80°-90°	45.7	0.6
90°-100°	201.2	2.7
100°-110°	708.4	9.6
110°-120°	744.0	10.1
120°-130°	612.1	8.3
130°-140°	491.7	6.6
140°-150°	371.4	5.0
150°-160°	261.1	3.5
160°-170°	153.7	2.1
170°-180°	50.0	0.7
0°-30°	1335.2	18.0
0°-40°	2066.1	27.9
0°-60°	3229.3	43.6
0°-90°	3805.3	51.4
90°-120°	1653.6	22.3
90°-150°	3128.9	42.3
90°-180°	3594.0	48.6
0°-180°	7399.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1723	1723	1723	1723	1723	
5°	1725	1925	1731	1531	1725	163
15°	1620	2366	1642	1135	1620	458
25°	1456	1971	1462	911	1456	665
35°	1188	1073	1208	756	1188	743
45°	891	646	906	621	891	692
55°	612	454	616	481	612	546
65°	363	280	370	324	363	361
75°	170	138	176	164	170	182
85°	34	36	37	26	34	40
90°	1	33	1	33	1	4
95°	35	113	35	113	35	36
105°	121	1118	121	1118	121	129
115°	213	1472	213	1472	213	212
125°	298	1194	298	1194	298	265
135°	349	989	349	989	349	270
145°	399	790	399	790	399	250
155°	454	664	454	664	454	209
165°	494	582	494	582	494	139
175°	515	525	515	525	515	49
180°	516	516	516	516	516	

TEST NUMBER: P999244

CATALOG NUMBER: SA2XXDIP-B865D925UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2
2.5°	1732.5	1736.5	1743.1	1744.4	1757.7	1768.3	1780.2	1780.2	1784.2	1782.8	1772.3
5°	1724.6	1736.5	1753.7	1768.3	1792.1	1802.7	1818.6	1830.5	1841.1	1849.1	1847.8
7.5°	1711.3	1732.5	1757.7	1785.5	1817.3	1835.8	1858.3	1879.5	1894.1	1907.4	1916.6
10°	1688.8	1724.6	1759.0	1796.1	1837.2	1862.3	1888.8	1916.6	1939.1	1964.3	1988.2
12.5°	1658.3	1710.0	1752.4	1801.4	1851.7	1879.5	1921.9	1943.1	1986.8	2050.4	2067.6
15°	1619.9	1690.1	1729.9	1792.1	1858.3	1880.9	1939.1	1973.6	2063.7	2103.4	2151.1
17.5°	1584.2	1662.3	1715.3	1786.8	1851.7	1895.4	1952.4	2022.6	2098.1	2155.0	2208.0
20°	1555.0	1630.5	1694.1	1773.6	1855.7	1911.3	1970.9	2055.7	2137.8	2196.1	2237.2
22.5°	1488.8	1585.5	1659.7	1748.4	1847.8	1924.6	1981.5	2074.3	2163.0	2198.8	2234.5
25°	1455.7	1539.1	1625.2	1725.9	1842.5	1933.8	1982.9	2086.2	2164.3	2177.6	2185.5
27.5°	1394.8	1488.8	1589.5	1704.7	1841.1	1918.0	1980.2	2074.3	2136.5	2127.2	2103.4
30°	1319.3	1434.5	1545.8	1670.3	1822.6	1906.0	1964.3	2050.4	2082.2	2034.5	1992.1
32.5°	1263.6	1372.2	1495.4	1639.8	1801.4	1880.9	1937.8	2005.4	2012.0	1925.9	1854.4
35°	1188.1	1308.7	1447.7	1600.1	1765.6	1837.2	1890.1	1931.2	1899.4	1778.9	1694.1
37.5°	1120.6	1239.8	1388.1	1543.1	1716.6	1786.8	1829.2	1835.8	1757.7	1651.7	1527.2
40°	1046.4	1169.6	1324.6	1487.5	1662.3	1723.2	1749.7	1729.9	1617.3	1494.1	1349.7
42.5°	972.2	1094.1	1261.0	1427.9	1593.4	1645.1	1655.7	1601.4	1463.6	1319.3	1152.4
45°	891.4	1018.6	1185.5	1353.7	1514.0	1543.1	1544.4	1466.3	1303.4	1152.4	997.4
47.5°	825.2	943.1	1108.7	1276.9	1412.0	1431.8	1423.9	1333.8	1156.3	986.8	851.7
50°	752.3	864.9	1029.2	1194.7	1310.0	1315.3	1295.4	1166.9	993.4	838.4	731.2
52.5°	674.2	788.1	939.1	1098.1	1201.4	1193.4	1155.0	1017.3	854.3	725.9	643.7
55°	611.9	712.6	854.3	1009.3	1082.2	1059.6	1017.3	876.9	748.4	639.8	568.2
57.5°	543.1	631.8	770.9	906.0	948.4	927.2	884.8	753.7	634.5	552.3	504.7
60°	478.2	559.0	680.8	793.4	826.5	804.0	755.0	637.1	551.0	482.1	446.4
62.5°	418.6	488.8	590.8	694.1	707.3	684.8	642.4	547.0	472.9	418.6	392.1
65°	362.9	429.2	511.3	589.4	601.3	577.5	533.8	464.9	402.7	368.2	343.1
67.5°	308.6	361.6	434.5	491.4	498.0	475.5	439.8	384.1	345.7	308.6	290.1
70°	260.9	300.7	357.6	404.0	406.6	385.4	366.9	316.6	287.4	260.9	246.4
72.5°	214.6	242.4	286.1	320.5	321.9	308.6	291.4	259.6	234.4	215.9	201.3
75°	169.5	193.4	219.9	250.3	249.0	238.4	225.2	205.3	184.1	172.2	165.6
77.5°	129.8	144.4	165.6	185.4	185.4	180.1	172.2	157.6	144.4	132.5	125.8
80°	92.7	102.0	119.2	125.8	128.5	127.2	120.5	109.9	104.6	95.4	92.7
82.5°	59.6	66.2	74.2	80.8	84.8	82.1	80.8	75.5	67.6	64.9	62.3
85°	34.4	37.1	41.1	45.0	46.4	45.0	47.7	43.7	39.7	39.7	38.4
87.5°	14.6	15.9	18.5	18.5	19.9	19.9	18.5	19.9	19.9	18.5	17.2
90°	1.0	4.0	7.9	9.9	11.9	13.4	14.9	19.8	26.8	32.7	33.7
92.5°	14.9	20.8	28.8	33.7	41.7	47.2	52.6	79.4	117.1	150.8	152.8
95°	34.7	38.7	48.6	57.6	73.4	85.4	97.3	142.9	229.2	344.4	389.0
97.5°	51.6	57.6	68.5	81.4	99.2	112.6	126.0	184.6	304.7	490.2	634.1
100°	76.4	79.4	88.3	104.2	124.0	137.9	151.8	204.4	325.5	539.9	784.0
102.5°	99.2	101.2	110.2	126.0	146.9	160.8	174.7	222.3	326.5	521.0	788.9
105°	121.1	125.0	132.0	146.9	168.7	182.6	196.5	243.1	331.5	495.2	735.4
107.5°	144.9	147.9	154.8	168.7	190.5	204.4	218.3	264.0	342.4	481.3	685.7
110°	168.7	172.7	178.6	191.5	212.4	226.8	241.1	284.8	356.3	477.3	652.0

TEST NUMBER: P999244

CATALOG NUMBER: SA2XXDIP-B865D925UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	190.5	194.5	201.5	213.4	233.2	248.1	263.0	304.7	371.1	478.3	630.2
115°	213.4	218.3	224.3	236.2	256.0	269.4	282.8	325.5	386.0	482.3	615.3
117.5°	237.2	241.1	247.1	258.0	276.9	290.8	304.7	344.4	401.9	488.2	607.3
120°	259.0	263.0	268.9	277.9	297.7	311.6	325.5	364.2	417.8	494.2	600.4
122.5°	279.8	282.8	288.8	298.7	318.6	333.0	347.3	383.1	431.7	501.1	596.4
125°	297.7	300.7	306.6	318.6	338.4	352.3	366.2	401.9	446.6	508.1	591.5
127.5°	312.6	316.6	324.5	337.4	356.3	370.6	385.0	419.8	460.5	515.0	588.5
130°	325.5	329.5	339.4	353.3	373.1	387.0	400.9	435.7	473.4	523.0	586.5
132.5°	337.4	342.4	353.3	368.2	389.0	402.9	416.8	449.5	486.3	530.9	585.5
135°	349.3	353.3	365.2	380.1	402.9	416.8	430.7	462.4	497.2	536.9	584.5
137.5°	360.2	365.2	377.1	393.0	415.8	428.7	441.6	473.4	506.1	542.8	584.5
140°	373.1	377.1	389.0	404.9	426.7	439.6	452.5	482.3	513.1	546.8	583.5
142.5°	386.0	389.0	399.9	415.8	436.6	448.6	460.5	489.2	519.0	549.8	583.5
145°	398.9	402.9	412.8	427.7	447.6	458.5	469.4	496.2	524.0	551.8	581.5
147.5°	412.8	415.8	425.7	439.6	456.5	466.4	476.3	502.1	527.0	552.8	578.6
150°	426.7	429.7	437.6	450.5	465.4	474.4	483.3	506.1	528.9	551.8	575.6
152.5°	440.6	441.6	449.5	460.5	474.4	482.3	490.2	510.1	529.9	549.8	570.6
155°	453.5	454.5	460.5	471.4	482.3	489.8	497.2	514.1	530.9	547.8	564.7
157.5°	464.4	465.4	470.4	480.3	489.2	495.6	502.1	517.0	530.9	543.8	558.7
160°	475.3	476.3	480.3	488.2	496.2	501.6	507.1	519.0	530.9	540.8	552.8
162.5°	486.3	485.3	489.2	495.2	502.1	506.1	510.1	520.0	529.9	537.9	547.8
165°	494.2	493.2	495.2	501.1	506.1	509.1	512.1	521.0	527.9	533.9	540.8
167.5°	501.1	500.2	502.1	506.1	510.1	512.1	514.1	521.0	527.0	529.9	534.9
170°	508.1	506.1	507.1	510.1	512.1	513.6	515.0	520.0	525.0	527.0	529.9
172.5°	512.1	511.1	510.1	513.1	514.1	515.0	516.0	519.0	522.0	523.0	524.0
175°	515.0	514.1	513.1	515.0	515.0	515.5	516.0	518.0	520.0	519.0	520.0
177.5°	517.0	515.0	514.1	516.0	516.0	516.0	516.0	517.0	519.0	517.0	516.0
180°	516.0	516.0	516.0	516.0	516.0	516.0	516.0	516.0	516.0	516.0	516.0

TEST NUMBER: P999244

CATALOG NUMBER: SA2XXDIP-B865D925UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2
2.5°	1790.8	1792.1	1794.8	1808.0	1814.6	1816.0	1810.7	1822.6	1826.6	1822.6	1819.9
5°	1875.6	1883.5	1899.4	1916.6	1915.3	1916.6	1924.6	1932.5	1935.2	1924.6	1928.5
7.5°	1949.7	1965.6	1982.9	2009.3	2009.3	2022.6	2027.9	2034.5	2050.4	2042.5	2039.8
10°	2034.5	2055.7	2087.5	2129.9	2131.2	2144.5	2157.7	2178.9	2185.5	2180.2	2182.9
12.5°	2140.5	2181.5	2184.2	2230.5	2251.7	2254.4	2275.6	2271.6	2284.9	2284.9	2307.4
15°	2186.8	2250.4	2286.2	2331.2	2344.5	2328.6	2345.8	2364.3	2365.7	2365.7	2364.3
17.5°	2270.3	2295.5	2331.2	2355.1	2360.4	2360.4	2361.7	2369.6	2364.3	2353.7	2361.7
20°	2287.5	2298.1	2311.3	2308.7	2311.3	2298.1	2284.9	2271.6	2272.9	2266.3	2286.2
22.5°	2255.7	2253.1	2222.6	2202.7	2202.7	2176.2	2151.1	2139.2	2127.2	2131.2	2137.8
25°	2176.2	2135.2	2098.1	2069.0	2062.3	2019.9	1985.5	1974.9	1955.0	1970.9	1973.6
27.5°	2049.1	2002.7	1943.1	1918.0	1883.5	1866.3	1842.5	1810.7	1769.6	1793.4	1789.5
30°	1912.7	1843.8	1794.8	1733.8	1679.5	1675.6	1630.5	1577.5	1556.3	1556.3	1568.3
32.5°	1760.3	1668.9	1597.4	1511.3	1458.3	1435.8	1381.5	1328.5	1340.4	1300.7	1315.3
35°	1582.8	1462.3	1372.2	1288.8	1249.1	1222.6	1152.4	1123.2	1091.4	1072.9	1107.3
37.5°	1413.3	1274.2	1159.0	1067.6	1053.0	1005.3	957.7	939.1	920.6	928.5	927.2
40°	1206.7	1083.5	980.2	908.6	883.5	861.0	829.2	806.7	794.7	801.4	802.7
42.5°	1019.9	916.6	839.8	789.4	768.2	752.3	736.5	717.9	713.9	713.9	719.2
45°	875.5	790.8	739.1	698.0	686.1	674.2	662.3	654.3	651.7	646.4	650.4
47.5°	760.3	692.7	661.0	630.5	617.2	614.6	604.0	600.0	594.7	593.4	594.7
50°	663.6	621.2	592.1	574.9	565.6	561.6	556.3	548.4	545.7	552.3	549.7
52.5°	596.0	556.3	540.4	523.2	517.9	512.6	504.7	506.0	504.7	502.0	502.0
55°	528.5	503.3	487.4	474.2	472.9	467.6	460.9	458.3	457.0	454.3	458.3
57.5°	474.2	454.3	439.8	427.8	422.5	422.5	415.9	410.6	410.6	409.3	410.6
60°	419.9	400.0	390.7	378.8	374.8	373.5	369.6	366.9	362.9	362.9	362.9
62.5°	369.6	353.7	343.1	332.5	333.8	327.2	321.9	319.2	319.2	320.5	320.5
65°	321.9	311.3	298.0	288.8	286.1	284.8	282.1	280.8	276.8	279.5	279.5
67.5°	278.2	263.6	255.6	251.7	247.7	246.4	243.7	241.1	239.7	238.4	241.1
70°	234.4	222.5	215.9	213.3	209.3	208.0	206.6	202.7	204.0	205.3	206.6
72.5°	194.7	184.1	182.8	174.8	174.8	174.8	169.5	172.2	170.9	168.2	170.9
75°	153.6	148.3	145.7	141.7	143.1	141.7	140.4	136.4	136.4	137.8	139.1
77.5°	121.9	116.6	115.2	111.3	108.6	111.3	108.6	107.3	107.3	108.6	108.6
80°	90.1	87.4	83.4	83.4	83.4	82.1	82.1	82.1	80.8	79.5	80.8
82.5°	59.6	59.6	58.3	57.0	58.3	55.6	57.0	57.0	57.0	57.0	57.0
85°	38.4	37.1	37.1	35.8	35.8	35.8	37.1	34.4	34.4	35.8	35.8
87.5°	17.2	17.2	17.2	18.5	17.2	17.2	17.2	18.5	17.2	17.2	17.2
90°	32.7	31.8	29.8	31.8	32.2	32.7	32.7	32.7	32.7	32.7	32.7
92.5°	128.0	100.2	85.3	74.4	70.4	66.5	65.5	61.5	62.5	60.5	62.5
95°	340.4	260.0	199.5	157.8	146.9	136.0	123.1	115.1	112.1	113.1	112.1
97.5°	639.1	531.9	424.7	324.5	294.8	265.0	226.3	206.4	195.5	189.5	195.5
100°	926.9	906.0	783.0	647.0	587.0	527.0	444.6	401.9	373.1	355.3	373.1
102.5°	1034.1	1151.2	1147.2	1056.9	992.4	927.9	836.6	756.2	718.5	692.7	718.5
105°	999.3	1205.7	1317.9	1330.8	1314.4	1298.0	1236.5	1175.0	1132.3	1118.4	1132.3
107.5°	925.9	1147.2	1313.9	1411.2	1431.1	1450.9	1449.9	1440.9	1428.0	1405.2	1428.0
110°	857.4	1066.8	1244.4	1371.5	1412.2	1452.8	1495.5	1514.4	1523.3	1522.3	1523.3

TEST NUMBER: P999244

CATALOG NUMBER: SA2XXDIP-B865D925UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	809.8	993.4	1162.1	1300.0	1348.2	1396.3	1459.8	1494.5	1513.4	1520.3	1513.4
115°	772.1	935.8	1088.6	1218.6	1269.8	1320.9	1391.3	1437.0	1462.8	1471.7	1462.8
117.5°	746.3	888.2	1025.1	1146.2	1194.8	1243.4	1315.9	1364.5	1391.3	1398.3	1391.3
120°	726.4	854.4	977.5	1082.7	1127.8	1173.0	1242.5	1289.1	1317.9	1327.8	1317.9
122.5°	709.5	827.6	937.8	1036.0	1075.7	1115.4	1176.0	1221.6	1246.4	1254.4	1246.4
125°	693.7	801.8	904.1	991.4	1028.6	1065.8	1123.4	1161.1	1185.9	1193.8	1185.9
127.5°	678.8	776.0	870.3	953.7	988.4	1023.1	1073.8	1109.5	1131.3	1137.3	1131.3
130°	663.9	751.2	836.6	915.0	947.8	980.5	1029.1	1062.8	1082.7	1090.6	1082.7
132.5°	652.0	727.4	804.8	875.3	905.6	935.8	983.4	1017.2	1035.0	1042.0	1035.0
135°	641.1	705.6	771.1	836.6	864.4	892.1	934.8	967.6	985.4	989.4	985.4
137.5°	633.1	687.7	744.3	797.9	822.7	847.5	888.2	917.0	932.8	938.8	932.8
140°	626.2	670.8	718.5	764.1	786.0	807.8	839.5	865.4	880.2	886.2	880.2
142.5°	619.2	657.0	695.7	733.4	750.8	768.1	797.9	820.7	833.6	833.6	833.6
145°	613.3	644.1	676.8	707.6	722.0	736.3	760.2	777.0	787.0	789.9	787.0
147.5°	607.3	634.1	660.9	685.7	696.7	707.6	728.4	742.3	749.2	751.2	749.2
150°	599.4	623.2	645.0	665.9	674.8	683.7	698.6	710.5	716.5	717.5	716.5
152.5°	592.4	612.3	632.1	649.0	656.4	663.9	674.8	684.7	688.7	688.7	688.7
155°	583.5	602.4	618.2	633.1	638.6	644.1	655.0	661.9	665.9	663.9	665.9
157.5°	575.6	590.5	604.4	617.3	621.8	626.2	634.1	640.1	642.1	642.1	642.1
160°	566.6	579.5	590.5	601.4	604.8	608.3	615.3	620.2	621.2	621.2	621.2
162.5°	558.7	568.6	577.6	586.5	589.0	591.5	598.4	601.4	602.4	601.4	602.4
165°	549.8	557.7	564.7	571.6	573.6	575.6	579.5	583.5	583.5	582.5	583.5
167.5°	540.8	546.8	552.8	557.7	559.7	561.7	563.7	565.7	565.7	564.7	565.7
170°	533.9	538.9	541.8	545.8	546.8	547.8	548.8	551.8	550.8	548.8	550.8
172.5°	527.0	529.9	531.9	534.9	535.4	535.9	536.9	537.9	536.9	535.9	536.9
175°	521.0	524.0	525.0	526.0	526.5	527.0	527.0	527.9	527.0	525.0	527.0
177.5°	517.0	519.0	519.0	520.0	520.0	520.0	520.0	520.0	519.0	517.0	519.0
180°	516.0	516.0	516.0	516.0	516.0	516.0	516.0	516.0	516.0	516.0	516.0

TEST NUMBER: P999244

CATALOG NUMBER: SA2XXDIP-B865D925UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2
2.5°	1826.6	1817.3	1809.3	1810.7	1817.3	1812.0	1798.7	1781.5	1774.9	1767.0	1774.9
5°	1936.5	1928.5	1912.7	1914.0	1910.0	1904.7	1883.5	1857.0	1857.0	1835.8	1833.2
7.5°	2045.1	2033.2	2022.6	2019.9	2005.4	1994.8	1976.2	1939.1	1924.6	1899.4	1884.8
10°	2167.0	2157.7	2145.8	2131.2	2123.3	2104.7	2074.3	2019.9	1993.5	1959.0	1933.8
12.5°	2290.2	2288.8	2262.3	2233.2	2231.9	2202.7	2181.5	2108.7	2072.9	2026.6	1967.0
15°	2368.3	2361.7	2347.1	2332.5	2336.5	2304.7	2257.0	2170.9	2147.1	2091.5	2027.9
17.5°	2367.0	2367.0	2363.0	2360.4	2356.4	2347.1	2320.6	2263.7	2225.2	2155.0	2095.4
20°	2291.5	2308.7	2312.7	2311.3	2324.6	2331.2	2329.9	2294.1	2263.7	2201.4	2140.5
22.5°	2140.5	2180.2	2197.4	2208.0	2235.8	2250.4	2284.9	2271.6	2263.7	2217.3	2165.6
25°	2000.1	2013.3	2065.0	2067.6	2106.0	2141.8	2176.2	2198.8	2227.9	2210.7	2167.0
27.5°	1818.6	1849.1	1886.2	1914.0	1921.9	1994.8	2051.7	2094.1	2160.3	2165.6	2151.1
30°	1613.3	1627.9	1688.8	1725.9	1768.3	1821.3	1903.4	1976.2	2035.8	2090.1	2108.7
32.5°	1363.0	1422.6	1458.3	1503.4	1540.5	1634.5	1735.2	1829.2	1898.1	1989.5	2029.2
35°	1133.8	1180.2	1241.1	1259.6	1327.2	1406.7	1537.8	1658.3	1763.0	1855.7	1936.5
37.5°	944.4	981.5	1046.4	1075.5	1115.3	1217.3	1327.2	1476.9	1602.7	1716.6	1817.3
40°	814.6	842.4	891.4	900.7	933.8	1026.5	1115.3	1255.7	1422.6	1576.2	1686.2
42.5°	725.9	739.1	772.2	784.1	805.3	867.6	947.1	1079.5	1234.5	1393.4	1548.4
45°	662.3	671.5	691.4	702.0	728.5	756.3	821.2	927.2	1049.0	1209.3	1376.2
47.5°	605.3	617.2	625.2	631.8	646.4	676.8	719.2	797.4	913.9	1061.0	1222.6
50°	557.6	561.6	576.2	577.5	586.8	606.6	646.4	694.1	786.8	906.0	1062.3
52.5°	510.0	513.9	523.2	532.5	536.4	552.3	578.8	618.6	687.4	781.5	920.6
55°	462.3	467.6	476.8	483.5	487.4	500.7	516.6	555.0	609.3	675.5	789.4
57.5°	414.6	426.5	429.2	433.1	439.8	454.3	468.9	491.4	533.8	594.7	678.2
60°	369.6	373.5	382.8	386.8	393.4	401.3	419.9	437.1	467.6	515.3	590.8
62.5°	323.2	332.5	336.4	340.4	345.7	355.0	366.9	385.4	411.9	450.3	510.0
65°	283.5	284.8	292.7	298.0	303.3	309.9	321.9	339.1	355.0	390.7	434.5
67.5°	245.0	247.7	250.3	255.6	262.3	268.9	279.5	288.8	308.6	332.5	366.9
70°	208.0	208.0	214.6	218.6	217.2	225.2	233.1	243.7	258.3	280.8	308.6
72.5°	174.8	173.5	178.8	180.1	182.8	188.1	193.4	204.0	211.9	229.1	250.3
75°	139.1	141.7	144.4	144.4	148.3	152.3	157.6	162.9	172.2	182.8	198.7
77.5°	109.9	109.9	112.6	113.9	117.9	116.6	121.9	127.2	133.8	143.1	155.0
80°	80.8	83.4	83.4	83.4	84.8	86.1	91.4	95.4	99.3	106.0	111.3
82.5°	57.0	57.0	59.6	59.6	59.6	62.3	62.3	63.6	66.2	70.2	74.2
85°	35.8	35.8	35.8	37.1	35.8	37.1	39.7	38.4	39.7	42.4	42.4
87.5°	17.2	17.2	17.2	17.2	17.2	18.5	17.2	18.5	19.9	19.9	19.9
90°	32.7	32.7	32.7	32.2	31.8	29.8	31.8	32.7	33.7	32.7	26.8
92.5°	61.5	65.5	66.5	70.4	74.4	85.3	100.2	128.0	152.8	150.8	117.1
95°	115.1	123.1	136.0	146.9	157.8	199.5	260.0	340.4	389.0	344.4	229.2
97.5°	206.4	226.3	265.0	294.8	324.5	424.7	531.9	639.1	634.1	490.2	304.7
100°	401.9	444.6	527.0	587.0	647.0	783.0	906.0	926.9	784.0	539.9	325.5
102.5°	756.2	836.6	927.9	992.4	1056.9	1147.2	1151.2	1034.1	788.9	521.0	326.5
105°	1175.0	1236.5	1298.0	1314.4	1330.8	1317.9	1205.7	999.3	735.4	495.2	331.5
107.5°	1440.9	1449.9	1450.9	1431.1	1411.2	1313.9	1147.2	925.9	685.7	481.3	342.4
110°	1514.4	1495.5	1452.8	1412.2	1371.5	1244.4	1066.8	857.4	652.0	477.3	356.3

TEST NUMBER: P999244

CATALOG NUMBER: SA2XXDIP-B865D925UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	1494.5	1459.8	1396.3	1348.2	1300.0	1162.1	993.4	809.8	630.2	478.3	371.1
115°	1437.0	1391.3	1320.9	1269.8	1218.6	1088.6	935.8	772.1	615.3	482.3	386.0
117.5°	1364.5	1315.9	1243.4	1194.8	1146.2	1025.1	888.2	746.3	607.3	488.2	401.9
120°	1289.1	1242.5	1173.0	1127.8	1082.7	977.5	854.4	726.4	600.4	494.2	417.8
122.5°	1221.6	1176.0	1115.4	1075.7	1036.0	937.8	827.6	709.5	596.4	501.1	431.7
125°	1161.1	1123.4	1065.8	1028.6	991.4	904.1	801.8	693.7	591.5	508.1	446.6
127.5°	1109.5	1073.8	1023.1	988.4	953.7	870.3	776.0	678.8	588.5	515.0	460.5
130°	1062.8	1029.1	980.5	947.8	915.0	836.6	751.2	663.9	586.5	523.0	473.4
132.5°	1017.2	983.4	935.8	905.6	875.3	804.8	727.4	652.0	585.5	530.9	486.3
135°	967.6	934.8	892.1	864.4	836.6	771.1	705.6	641.1	584.5	536.9	497.2
137.5°	917.0	888.2	847.5	822.7	797.9	744.3	687.7	633.1	584.5	542.8	506.1
140°	865.4	839.5	807.8	786.0	764.1	718.5	670.8	626.2	583.5	546.8	513.1
142.5°	820.7	797.9	768.1	750.8	733.4	695.7	657.0	619.2	583.5	549.8	519.0
145°	777.0	760.2	736.3	722.0	707.6	676.8	644.1	613.3	581.5	551.8	524.0
147.5°	742.3	728.4	707.6	696.7	685.7	660.9	634.1	607.3	578.6	552.8	527.0
150°	710.5	698.6	683.7	674.8	665.9	645.0	623.2	599.4	575.6	551.8	528.9
152.5°	684.7	674.8	663.9	656.4	649.0	632.1	612.3	592.4	570.6	549.8	529.9
155°	661.9	655.0	644.1	638.6	633.1	618.2	602.4	583.5	564.7	547.8	530.9
157.5°	640.1	634.1	626.2	621.8	617.3	604.4	590.5	575.6	558.7	543.8	530.9
160°	620.2	615.3	608.3	604.8	601.4	590.5	579.5	566.6	552.8	540.8	530.9
162.5°	601.4	598.4	591.5	589.0	586.5	577.6	568.6	558.7	547.8	537.9	529.9
165°	583.5	579.5	575.6	573.6	571.6	564.7	557.7	549.8	540.8	533.9	527.9
167.5°	565.7	563.7	561.7	559.7	557.7	552.8	546.8	540.8	534.9	529.9	527.0
170°	551.8	548.8	547.8	546.8	545.8	541.8	538.9	533.9	529.9	527.0	525.0
172.5°	537.9	536.9	535.9	535.4	534.9	531.9	529.9	527.0	524.0	523.0	522.0
175°	527.9	527.0	527.0	526.5	526.0	525.0	524.0	521.0	520.0	519.0	520.0
177.5°	520.0	520.0	520.0	520.0	520.0	519.0	519.0	517.0	516.0	517.0	519.0
180°	516.0	516.0	516.0	516.0	516.0	516.0	516.0	516.0	516.0	516.0	516.0

TEST NUMBER: P999244

CATALOG NUMBER: SA2XXDIP-B865D925UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2
2.5°	1768.3	1761.7	1757.7	1760.3	1752.4	1732.5	1732.5	1739.1	1731.2	1723.2	1711.3
5°	1817.3	1804.0	1796.1	1794.8	1776.2	1744.4	1737.8	1731.2	1714.0	1695.4	1675.6
7.5°	1865.0	1841.1	1827.9	1818.6	1792.1	1751.1	1733.8	1719.3	1691.5	1663.6	1638.5
10°	1904.7	1870.3	1854.4	1839.8	1805.4	1753.7	1725.9	1699.4	1663.6	1627.9	1596.1
12.5°	1936.5	1896.8	1876.9	1855.7	1813.3	1745.8	1711.3	1668.9	1633.2	1585.5	1553.7
15°	1989.5	1907.4	1888.8	1868.9	1825.2	1732.5	1690.1	1642.4	1593.4	1529.9	1495.4
17.5°	2031.9	1921.9	1920.6	1878.2	1821.3	1727.2	1662.3	1600.1	1547.1	1483.5	1429.2
20°	2057.0	1944.4	1923.3	1879.5	1808.0	1691.5	1623.9	1555.0	1498.1	1421.2	1366.9
22.5°	2078.2	1976.2	1920.6	1867.6	1780.2	1679.5	1580.2	1515.3	1437.1	1353.7	1302.0
25°	2086.2	1982.9	1924.6	1863.6	1760.3	1645.1	1532.5	1462.3	1374.9	1299.4	1229.2
27.5°	2087.5	1981.5	1910.0	1846.4	1732.5	1600.1	1484.8	1410.6	1314.0	1226.5	1156.3
30°	2074.3	1967.0	1902.1	1833.2	1706.0	1559.0	1426.5	1344.4	1241.1	1153.7	1080.8
32.5°	2034.5	1937.8	1884.8	1809.3	1671.6	1502.0	1370.9	1279.5	1170.9	1084.8	1014.6
35°	1968.3	1902.1	1843.8	1773.6	1626.6	1449.1	1315.3	1208.0	1098.1	1015.9	949.7
37.5°	1886.2	1850.4	1796.1	1727.2	1574.9	1401.4	1253.0	1133.8	1023.9	944.4	879.5
40°	1774.9	1784.2	1731.2	1668.9	1514.0	1336.5	1172.2	1058.3	955.0	880.8	817.2
42.5°	1654.4	1692.8	1662.3	1602.7	1446.4	1264.9	1112.6	986.8	886.1	809.3	756.3
45°	1524.6	1590.8	1572.2	1528.5	1376.2	1189.4	1027.9	906.0	817.2	743.1	696.7
47.5°	1382.8	1476.9	1476.9	1445.1	1298.1	1113.9	955.0	830.5	743.1	690.1	645.1
50°	1238.5	1344.4	1361.6	1340.4	1210.6	1027.9	866.3	753.7	678.2	626.5	593.4
52.5°	1087.5	1210.6	1242.4	1231.8	1117.9	945.7	793.4	683.5	614.6	569.6	540.4
55°	943.1	1086.1	1120.6	1124.5	1018.6	855.7	712.6	615.9	549.7	519.2	494.1
57.5°	806.7	944.4	982.8	989.4	917.9	773.5	637.1	552.3	492.7	467.6	447.7
60°	690.1	805.3	855.7	870.2	808.0	678.2	566.9	484.8	439.8	415.9	397.4
62.5°	594.7	687.4	740.4	744.4	716.6	594.7	494.1	425.2	386.8	365.6	356.3
65°	502.0	585.5	617.2	633.1	610.6	515.3	426.5	369.6	339.1	320.5	311.3
67.5°	427.8	480.8	507.3	528.5	506.0	434.5	362.9	316.6	294.1	275.5	270.2
70°	351.0	394.7	414.6	435.8	415.9	361.6	309.9	267.6	247.7	233.1	226.5
72.5°	280.8	315.2	333.8	347.0	335.1	290.1	247.7	218.6	204.0	193.4	189.4
75°	222.5	246.4	257.0	266.2	260.9	226.5	200.0	176.2	162.9	153.6	151.0
77.5°	169.5	186.8	198.7	201.3	194.7	172.2	149.7	135.1	124.5	119.2	116.6
80°	120.5	131.1	137.8	141.7	135.1	125.8	109.9	99.3	90.1	83.4	82.1
82.5°	80.8	86.1	91.4	90.1	87.4	79.5	70.2	64.9	60.9	55.6	55.6
85°	46.4	47.7	50.3	51.7	50.3	45.0	39.7	37.1	34.4	30.5	30.5
87.5°	19.9	21.2	21.2	22.5	19.9	19.9	17.2	14.6	14.6	13.2	11.9
90°	19.8	14.9	13.4	11.9	9.9	7.9	4.0	1.0	4.0	7.9	9.9
92.5°	79.4	52.6	47.2	41.7	33.7	28.8	20.8	14.9	20.8	28.8	33.7
95°	142.9	97.3	85.4	73.4	57.6	48.6	38.7	34.7	38.7	48.6	57.6
97.5°	184.6	126.0	112.6	99.2	81.4	68.5	57.6	51.6	57.6	68.5	81.4
100°	204.4	151.8	137.9	124.0	104.2	88.3	79.4	76.4	79.4	88.3	104.2
102.5°	222.3	174.7	160.8	146.9	126.0	110.2	101.2	99.2	101.2	110.2	126.0
105°	243.1	196.5	182.6	168.7	146.9	132.0	125.0	121.1	125.0	132.0	146.9
107.5°	264.0	218.3	204.4	190.5	168.7	154.8	147.9	144.9	147.9	154.8	168.7
110°	284.8	241.1	226.8	212.4	191.5	178.6	172.7	168.7	172.7	178.6	191.5

TEST NUMBER: P999244

CATALOG NUMBER: SA2XXDIP-B865D925UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	304.7	263.0	248.1	233.2	213.4	201.5	194.5	190.5	194.5	201.5	213.4
115°	325.5	282.8	269.4	256.0	236.2	224.3	218.3	213.4	218.3	224.3	236.2
117.5°	344.4	304.7	290.8	276.9	258.0	247.1	241.1	237.2	241.1	247.1	258.0
120°	364.2	325.5	311.6	297.7	277.9	268.9	263.0	259.0	263.0	268.9	277.9
122.5°	383.1	347.3	333.0	318.6	298.7	288.8	282.8	279.8	282.8	288.8	298.7
125°	401.9	366.2	352.3	338.4	318.6	306.6	300.7	297.7	300.7	306.6	318.6
127.5°	419.8	385.0	370.6	356.3	337.4	324.5	316.6	312.6	316.6	324.5	337.4
130°	435.7	400.9	387.0	373.1	353.3	339.4	329.5	325.5	329.5	339.4	353.3
132.5°	449.5	416.8	402.9	389.0	368.2	353.3	342.4	337.4	342.4	353.3	368.2
135°	462.4	430.7	416.8	402.9	380.1	365.2	353.3	349.3	353.3	365.2	380.1
137.5°	473.4	441.6	428.7	415.8	393.0	377.1	365.2	360.2	365.2	377.1	393.0
140°	482.3	452.5	439.6	426.7	404.9	389.0	377.1	373.1	377.1	389.0	404.9
142.5°	489.2	460.5	448.6	436.6	415.8	399.9	389.0	386.0	389.0	399.9	415.8
145°	496.2	469.4	458.5	447.6	427.7	412.8	402.9	398.9	402.9	412.8	427.7
147.5°	502.1	476.3	466.4	456.5	439.6	425.7	415.8	412.8	415.8	425.7	439.6
150°	506.1	483.3	474.4	465.4	450.5	437.6	429.7	426.7	429.7	437.6	450.5
152.5°	510.1	490.2	482.3	474.4	460.5	449.5	441.6	440.6	441.6	449.5	460.5
155°	514.1	497.2	489.8	482.3	471.4	460.5	454.5	453.5	454.5	460.5	471.4
157.5°	517.0	502.1	495.6	489.2	480.3	470.4	465.4	464.4	465.4	470.4	480.3
160°	519.0	507.1	501.6	496.2	488.2	480.3	476.3	475.3	476.3	480.3	488.2
162.5°	520.0	510.1	506.1	502.1	495.2	489.2	485.3	486.3	485.3	489.2	495.2
165°	521.0	512.1	509.1	506.1	501.1	495.2	493.2	494.2	493.2	495.2	501.1
167.5°	521.0	514.1	512.1	510.1	506.1	502.1	500.2	501.1	500.2	502.1	506.1
170°	520.0	515.0	513.6	512.1	510.1	507.1	506.1	508.1	506.1	507.1	510.1
172.5°	519.0	516.0	515.0	514.1	513.1	510.1	511.1	512.1	511.1	510.1	513.1
175°	518.0	516.0	515.5	515.0	515.0	513.1	514.1	515.0	514.1	513.1	515.0
177.5°	517.0	516.0	516.0	516.0	516.0	514.1	515.0	517.0	515.0	514.1	516.0
180°	516.0	516.0	516.0	516.0	516.0	516.0	516.0	516.0	516.0	516.0	516.0

TEST NUMBER: P999244

CATALOG NUMBER: SA2XXDIP-B865D925UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2
2.5°	1704.7	1711.3	1710.0	1696.8	1682.2	1670.3	1647.7	1650.4	1642.4	1643.8	1651.7
5°	1662.3	1662.3	1657.0	1638.5	1614.6	1601.4	1576.2	1569.6	1553.7	1552.4	1551.1
7.5°	1617.3	1610.7	1604.0	1577.5	1548.4	1527.2	1492.8	1484.8	1468.9	1458.3	1453.0
10°	1564.3	1555.0	1541.8	1511.3	1475.6	1449.1	1413.3	1402.7	1372.2	1359.0	1351.0
12.5°	1506.0	1500.7	1479.5	1454.4	1396.1	1366.9	1315.3	1325.9	1295.4	1268.9	1264.9
15°	1447.7	1427.9	1415.9	1374.9	1304.7	1291.4	1250.4	1229.2	1201.4	1180.2	1180.2
17.5°	1390.8	1360.3	1333.8	1290.1	1238.5	1201.4	1170.9	1160.3	1125.9	1104.7	1100.7
20°	1315.3	1280.8	1274.2	1212.0	1176.2	1135.1	1106.0	1079.5	1054.3	1045.1	1038.4
22.5°	1243.8	1204.0	1193.4	1140.4	1104.7	1063.6	1034.5	1015.9	997.4	990.8	978.8
25°	1166.9	1143.1	1127.2	1070.2	1030.5	992.1	972.2	959.0	941.8	940.4	932.5
27.5°	1092.8	1070.2	1054.3	1000.0	970.9	935.1	919.2	904.7	895.4	891.4	887.5
30°	1029.2	1004.0	985.5	945.7	910.0	880.8	867.6	858.3	853.0	846.4	845.1
32.5°	959.0	944.4	919.2	888.8	861.0	833.1	825.2	818.6	810.6	808.0	806.7
35°	899.4	879.5	863.6	829.2	817.2	793.4	784.1	778.8	768.2	765.6	762.9
37.5°	841.1	822.5	805.3	784.1	761.6	748.4	743.1	735.1	729.8	731.2	728.5
40°	782.8	768.2	755.0	732.5	719.2	712.6	702.0	694.1	691.4	692.7	691.4
42.5°	725.9	712.6	704.7	687.4	674.2	667.6	661.0	653.0	657.0	657.0	661.0
45°	674.2	662.3	657.0	643.7	635.8	625.2	618.6	617.2	622.5	621.2	621.2
47.5°	621.2	617.2	610.6	598.7	588.1	581.5	580.2	580.2	585.5	588.1	586.8
50°	580.2	572.2	564.3	555.0	547.0	544.4	540.4	543.1	548.4	548.4	551.0
52.5°	528.5	523.2	520.5	512.6	507.3	507.3	507.3	508.6	512.6	516.6	515.3
55°	483.5	479.5	476.8	472.9	466.2	467.6	466.2	468.9	472.9	476.8	479.5
57.5°	435.8	434.5	431.8	425.2	425.2	423.9	427.8	429.2	435.8	438.4	442.4
60°	393.4	389.4	389.4	384.1	384.1	384.1	388.1	392.1	397.4	398.7	401.3
62.5°	348.4	348.4	347.0	343.1	343.1	347.0	348.4	353.7	356.3	356.3	360.3
65°	306.0	304.6	303.3	304.6	306.0	306.0	309.9	312.6	315.2	316.6	317.9
67.5°	263.6	262.3	264.9	263.6	266.2	271.5	270.2	274.2	278.2	278.2	279.5
70°	223.8	226.5	225.2	227.8	226.5	229.1	233.1	234.4	234.4	235.8	239.7
72.5°	186.8	186.8	186.8	185.4	186.8	189.4	192.1	193.4	196.0	197.4	201.3
75°	151.0	151.0	148.3	151.0	151.0	153.6	156.3	156.3	156.3	158.9	162.9
77.5°	113.9	115.2	113.9	116.6	116.6	117.9	120.5	119.2	121.9	123.2	124.5
80°	83.4	82.1	82.1	82.1	83.4	83.4	86.1	87.4	87.4	91.4	88.7
82.5°	53.0	54.3	53.0	54.3	54.3	55.6	54.3	55.6	57.0	59.6	58.3
85°	30.5	29.1	29.1	30.5	29.1	29.1	30.5	29.1	30.5	29.1	30.5
87.5°	11.9	10.6	10.6	10.6	10.6	9.3	9.3	7.9	7.9	7.9	6.6
90°	11.9	13.4	14.9	19.8	26.8	32.7	33.7	32.7	31.8	29.8	31.8
92.5°	41.7	47.2	52.6	79.4	117.1	150.8	152.8	128.0	100.2	85.3	74.4
95°	73.4	85.4	97.3	142.9	229.2	344.4	389.0	340.4	260.0	199.5	157.8
97.5°	99.2	112.6	126.0	184.6	304.7	490.2	634.1	639.1	531.9	424.7	324.5
100°	124.0	137.9	151.8	204.4	325.5	539.9	784.0	926.9	906.0	783.0	647.0
102.5°	146.9	160.8	174.7	222.3	326.5	521.0	788.9	1034.1	1151.2	1147.2	1056.9
105°	168.7	182.6	196.5	243.1	331.5	495.2	735.4	999.3	1205.7	1317.9	1330.8
107.5°	190.5	204.4	218.3	264.0	342.4	481.3	685.7	925.9	1147.2	1313.9	1411.2
110°	212.4	226.8	241.1	284.8	356.3	477.3	652.0	857.4	1066.8	1244.4	1371.5

TEST NUMBER: P999244

CATALOG NUMBER: SA2XXDIP-B865D925UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	233.2	248.1	263.0	304.7	371.1	478.3	630.2	809.8	993.4	1162.1	1300.0
115°	256.0	269.4	282.8	325.5	386.0	482.3	615.3	772.1	935.8	1088.6	1218.6
117.5°	276.9	290.8	304.7	344.4	401.9	488.2	607.3	746.3	888.2	1025.1	1146.2
120°	297.7	311.6	325.5	364.2	417.8	494.2	600.4	726.4	854.4	977.5	1082.7
122.5°	318.6	333.0	347.3	383.1	431.7	501.1	596.4	709.5	827.6	937.8	1036.0
125°	338.4	352.3	366.2	401.9	446.6	508.1	591.5	693.7	801.8	904.1	991.4
127.5°	356.3	370.6	385.0	419.8	460.5	515.0	588.5	678.8	776.0	870.3	953.7
130°	373.1	387.0	400.9	435.7	473.4	523.0	586.5	663.9	751.2	836.6	915.0
132.5°	389.0	402.9	416.8	449.5	486.3	530.9	585.5	652.0	727.4	804.8	875.3
135°	402.9	416.8	430.7	462.4	497.2	536.9	584.5	641.1	705.6	771.1	836.6
137.5°	415.8	428.7	441.6	473.4	506.1	542.8	584.5	633.1	687.7	744.3	797.9
140°	426.7	439.6	452.5	482.3	513.1	546.8	583.5	626.2	670.8	718.5	764.1
142.5°	436.6	448.6	460.5	489.2	519.0	549.8	583.5	619.2	657.0	695.7	733.4
145°	447.6	458.5	469.4	496.2	524.0	551.8	581.5	613.3	644.1	676.8	707.6
147.5°	456.5	466.4	476.3	502.1	527.0	552.8	578.6	607.3	634.1	660.9	685.7
150°	465.4	474.4	483.3	506.1	528.9	551.8	575.6	599.4	623.2	645.0	665.9
152.5°	474.4	482.3	490.2	510.1	529.9	549.8	570.6	592.4	612.3	632.1	649.0
155°	482.3	489.8	497.2	514.1	530.9	547.8	564.7	583.5	602.4	618.2	633.1
157.5°	489.2	495.6	502.1	517.0	530.9	543.8	558.7	575.6	590.5	604.4	617.3
160°	496.2	501.6	507.1	519.0	530.9	540.8	552.8	566.6	579.5	590.5	601.4
162.5°	502.1	506.1	510.1	520.0	529.9	537.9	547.8	558.7	568.6	577.6	586.5
165°	506.1	509.1	512.1	521.0	527.9	533.9	540.8	549.8	557.7	564.7	571.6
167.5°	510.1	512.1	514.1	521.0	527.0	529.9	534.9	540.8	546.8	552.8	557.7
170°	512.1	513.6	515.0	520.0	525.0	527.0	529.9	533.9	538.9	541.8	545.8
172.5°	514.1	515.0	516.0	519.0	522.0	523.0	524.0	527.0	529.9	531.9	534.9
175°	515.0	515.5	516.0	518.0	520.0	519.0	520.0	521.0	524.0	525.0	526.0
177.5°	516.0	516.0	516.0	517.0	519.0	517.0	516.0	517.0	519.0	519.0	520.0
180°	516.0	516.0	516.0	516.0	516.0	516.0	516.0	516.0	516.0	516.0	516.0

TEST NUMBER: P999244

CATALOG NUMBER: SA2XXDIP-B865D925UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2
2.5°	1642.4	1646.4	1637.1	1634.5	1637.1	1627.9	1630.5	1633.2	1633.2	1637.1	1639.8
5°	1547.1	1541.8	1532.5	1529.9	1527.2	1531.2	1528.5	1532.5	1533.8	1543.1	1544.4
7.5°	1453.0	1445.1	1437.1	1429.2	1426.5	1419.9	1426.5	1426.5	1435.8	1433.2	1439.8
10°	1341.8	1340.4	1329.9	1325.9	1320.6	1310.0	1324.6	1320.6	1327.2	1339.1	1341.8
12.5°	1259.6	1245.1	1251.7	1233.2	1239.8	1229.2	1230.5	1230.5	1241.1	1242.4	1239.8
15°	1181.5	1169.6	1152.4	1144.4	1140.4	1135.1	1152.4	1153.7	1145.7	1164.3	1157.7
17.5°	1102.0	1102.0	1086.1	1082.2	1071.6	1076.9	1074.2	1075.5	1072.9	1086.1	1092.8
20°	1033.2	1026.5	1021.2	1022.6	1009.3	1006.7	1004.0	1006.7	1015.9	1025.2	1027.9
22.5°	977.5	973.5	960.3	963.0	952.4	956.3	953.7	960.3	961.6	961.6	970.9
25°	924.5	919.2	920.6	915.3	911.3	911.3	907.3	911.3	916.6	919.2	920.6
27.5°	884.8	880.8	874.2	870.2	872.9	866.3	871.6	875.5	875.5	872.9	875.5
30°	837.1	839.8	839.8	826.5	831.8	829.2	833.1	835.8	835.8	837.1	834.5
32.5°	805.3	797.4	796.1	794.7	794.7	789.4	789.4	793.4	794.7	796.1	800.0
35°	762.9	762.9	756.3	760.3	755.0	756.3	755.0	756.3	759.0	755.0	759.0
37.5°	724.5	725.9	723.2	725.9	727.2	724.5	721.9	727.2	724.5	724.5	721.9
40°	691.4	690.1	691.4	691.4	691.4	692.7	690.1	690.1	690.1	687.4	684.8
42.5°	663.6	655.7	658.3	659.6	655.7	655.7	657.0	655.7	659.6	651.7	651.7
45°	623.9	621.2	622.5	622.5	625.2	621.2	623.9	625.2	621.2	619.9	617.2
47.5°	588.1	590.8	588.1	590.8	590.8	593.4	588.1	589.4	590.8	585.5	581.5
50°	552.3	552.3	556.3	555.0	556.3	553.7	553.7	552.3	553.7	551.0	547.0
52.5°	519.2	515.3	521.9	520.5	519.2	517.9	516.6	517.9	515.3	512.6	512.6
55°	478.2	478.2	482.1	483.5	483.5	480.8	478.2	479.5	478.2	476.8	475.5
57.5°	445.0	439.8	442.4	443.7	443.7	439.8	442.4	439.8	439.8	441.1	437.1
60°	402.7	402.7	400.0	404.0	404.0	401.3	401.3	402.7	400.0	398.7	397.4
62.5°	357.6	359.0	362.9	364.3	365.6	362.9	360.3	361.6	361.6	357.6	359.0
65°	319.2	321.9	327.2	325.8	323.2	324.5	321.9	323.2	319.2	320.5	316.6
67.5°	282.1	280.8	282.1	282.1	284.8	283.5	280.8	280.8	279.5	283.5	279.5
70°	242.4	242.4	242.4	242.4	243.7	245.0	242.4	239.7	241.1	238.4	237.1
72.5°	201.3	202.7	201.3	204.0	200.0	202.7	202.7	201.3	200.0	200.0	200.0
75°	162.9	165.6	161.6	162.9	161.6	164.2	162.9	162.9	160.3	158.9	160.3
77.5°	124.5	125.8	123.2	124.5	123.2	124.5	124.5	123.2	123.2	123.2	123.2
80°	88.7	90.1	88.7	87.4	86.1	88.7	86.1	87.4	88.7	87.4	90.1
82.5°	57.0	57.0	55.6	57.0	54.3	54.3	55.6	55.6	54.3	57.0	54.3
85°	27.8	27.8	30.5	27.8	26.5	26.5	26.5	27.8	26.5	29.1	27.8
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°	32.2	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.2
92.5°	70.4	66.5	65.5	61.5	62.5	60.5	62.5	61.5	65.5	66.5	70.4
95°	146.9	136.0	123.1	115.1	112.1	113.1	112.1	115.1	123.1	136.0	146.9
97.5°	294.8	265.0	226.3	206.4	195.5	189.5	195.5	206.4	226.3	265.0	294.8
100°	587.0	527.0	444.6	401.9	373.1	355.3	373.1	401.9	444.6	527.0	587.0
102.5°	992.4	927.9	836.6	756.2	718.5	692.7	718.5	756.2	836.6	927.9	992.4
105°	1314.4	1298.0	1236.5	1175.0	1132.3	1118.4	1132.3	1175.0	1236.5	1298.0	1314.4
107.5°	1431.1	1450.9	1449.9	1440.9	1428.0	1405.2	1428.0	1440.9	1449.9	1450.9	1431.1
110°	1412.2	1452.8	1495.5	1514.4	1523.3	1522.3	1523.3	1514.4	1495.5	1452.8	1412.2

TEST NUMBER: P999244

CATALOG NUMBER: SA2XXDIP-B865D925UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	1348.2	1396.3	1459.8	1494.5	1513.4	1520.3	1513.4	1494.5	1459.8	1396.3	1348.2
115°	1269.8	1320.9	1391.3	1437.0	1462.8	1471.7	1462.8	1437.0	1391.3	1320.9	1269.8
117.5°	1194.8	1243.4	1315.9	1364.5	1391.3	1398.3	1391.3	1364.5	1315.9	1243.4	1194.8
120°	1127.8	1173.0	1242.5	1289.1	1317.9	1327.8	1317.9	1289.1	1242.5	1173.0	1127.8
122.5°	1075.7	1115.4	1176.0	1221.6	1246.4	1254.4	1246.4	1221.6	1176.0	1115.4	1075.7
125°	1028.6	1065.8	1123.4	1161.1	1185.9	1193.8	1185.9	1161.1	1123.4	1065.8	1028.6
127.5°	988.4	1023.1	1073.8	1109.5	1131.3	1137.3	1131.3	1109.5	1073.8	1023.1	988.4
130°	947.8	980.5	1029.1	1062.8	1082.7	1090.6	1082.7	1062.8	1029.1	980.5	947.8
132.5°	905.6	935.8	983.4	1017.2	1035.0	1042.0	1035.0	1017.2	983.4	935.8	905.6
135°	864.4	892.1	934.8	967.6	985.4	989.4	985.4	967.6	934.8	892.1	864.4
137.5°	822.7	847.5	888.2	917.0	932.8	938.8	932.8	917.0	888.2	847.5	822.7
140°	786.0	807.8	839.5	865.4	880.2	886.2	880.2	865.4	839.5	807.8	786.0
142.5°	750.8	768.1	797.9	820.7	833.6	833.6	833.6	820.7	797.9	768.1	750.8
145°	722.0	736.3	760.2	777.0	787.0	789.9	787.0	777.0	760.2	736.3	722.0
147.5°	696.7	707.6	728.4	742.3	749.2	751.2	749.2	742.3	728.4	707.6	696.7
150°	674.8	683.7	698.6	710.5	716.5	717.5	716.5	710.5	698.6	683.7	674.8
152.5°	656.4	663.9	674.8	684.7	688.7	688.7	688.7	684.7	674.8	663.9	656.4
155°	638.6	644.1	655.0	661.9	665.9	663.9	665.9	661.9	655.0	644.1	638.6
157.5°	621.8	626.2	634.1	640.1	642.1	642.1	642.1	640.1	634.1	626.2	621.8
160°	604.8	608.3	615.3	620.2	621.2	621.2	621.2	620.2	615.3	608.3	604.8
162.5°	589.0	591.5	598.4	601.4	602.4	601.4	602.4	601.4	598.4	591.5	589.0
165°	573.6	575.6	579.5	583.5	583.5	582.5	583.5	583.5	579.5	575.6	573.6
167.5°	559.7	561.7	563.7	565.7	565.7	564.7	565.7	565.7	563.7	561.7	559.7
170°	546.8	547.8	548.8	551.8	550.8	548.8	550.8	551.8	548.8	547.8	546.8
172.5°	535.4	535.9	536.9	537.9	536.9	535.9	536.9	537.9	536.9	535.9	535.4
175°	526.5	527.0	527.0	527.9	527.0	525.0	527.0	527.9	527.0	527.0	526.5
177.5°	520.0	520.0	520.0	520.0	519.0	517.0	519.0	520.0	520.0	520.0	520.0
180°	516.0	516.0	516.0	516.0	516.0	516.0	516.0	516.0	516.0	516.0	516.0

TEST NUMBER: P999244

CATALOG NUMBER: SA2XXDIP-B865D925UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2
2.5°	1635.8	1646.4	1642.4	1627.9	1645.1	1645.1	1657.0	1657.0	1671.6	1676.9	1684.8
5°	1543.1	1551.1	1557.7	1551.1	1563.0	1581.5	1592.1	1601.4	1621.3	1629.2	1641.1
7.5°	1443.8	1458.3	1465.0	1465.0	1484.8	1506.0	1527.2	1540.5	1568.3	1578.9	1590.8
10°	1347.1	1364.3	1377.5	1376.2	1409.3	1422.6	1449.1	1479.5	1507.3	1523.2	1540.5
12.5°	1245.1	1254.4	1272.9	1299.4	1307.3	1331.2	1361.6	1400.1	1450.4	1465.0	1490.1
15°	1160.3	1185.5	1200.0	1212.0	1230.5	1253.0	1286.1	1323.2	1373.6	1405.4	1431.8
17.5°	1088.8	1121.9	1131.2	1128.5	1152.4	1186.8	1225.2	1253.0	1298.1	1336.5	1361.6
20°	1030.5	1043.7	1059.6	1066.3	1084.8	1121.9	1159.0	1190.8	1227.9	1258.3	1287.5
22.5°	972.2	982.8	996.1	1008.0	1022.6	1043.7	1079.5	1119.2	1155.0	1184.2	1217.3
25°	924.5	931.2	943.1	952.4	968.2	982.8	1008.0	1051.7	1094.1	1111.3	1140.4
27.5°	878.2	883.5	891.4	902.0	910.0	924.5	947.1	982.8	1026.5	1043.7	1083.5
30°	837.1	841.1	849.0	854.3	858.3	875.5	892.7	920.6	953.7	977.5	1006.7
32.5°	798.7	802.7	810.6	812.0	817.2	826.5	842.4	867.6	896.7	916.6	941.8
35°	756.3	759.0	766.9	769.6	773.5	781.5	793.4	812.0	838.4	853.0	875.5
37.5°	723.2	721.9	727.2	731.2	736.5	740.4	744.4	762.9	782.8	796.1	813.3
40°	687.4	684.8	686.1	691.4	694.1	699.4	699.4	717.9	731.2	741.7	755.0
42.5°	651.7	650.4	647.7	650.4	653.0	654.3	655.7	668.9	682.1	691.4	706.0
45°	615.9	614.6	611.9	613.3	613.3	615.9	619.9	625.2	634.5	642.4	650.4
47.5°	582.8	580.2	576.2	574.9	577.5	577.5	577.5	582.8	592.1	594.7	602.7
50°	548.4	544.4	539.1	536.4	536.4	535.1	537.8	539.1	547.0	549.7	556.3
52.5°	511.3	508.6	503.3	498.0	499.4	496.7	498.0	499.4	502.0	506.0	510.0
55°	474.2	468.9	464.9	463.6	459.6	459.6	455.6	460.9	459.6	460.9	466.2
57.5°	438.4	433.1	426.5	423.9	419.9	418.6	415.9	414.6	415.9	419.9	423.9
60°	396.0	393.4	389.4	385.4	382.8	378.8	376.2	376.2	374.8	374.8	376.2
62.5°	355.0	353.7	348.4	347.0	344.4	341.7	337.8	335.1	335.1	337.8	339.1
65°	315.2	313.9	309.9	308.6	302.0	299.3	298.0	296.7	294.1	294.1	294.1
67.5°	278.2	274.2	274.2	267.6	262.3	259.6	257.0	255.6	255.6	255.6	257.0
70°	237.1	237.1	233.1	229.1	223.8	225.2	221.2	217.2	217.2	214.6	215.9
72.5°	197.4	196.0	192.1	190.7	186.8	182.8	180.1	182.8	178.8	177.5	178.8
75°	158.9	157.6	155.0	152.3	153.6	149.7	145.7	144.4	144.4	141.7	141.7
77.5°	121.9	124.5	119.2	117.9	115.2	112.6	111.3	109.9	109.9	109.9	112.6
80°	84.8	86.1	86.1	83.4	84.8	80.8	80.8	80.8	76.8	78.1	79.5
82.5°	54.3	54.3	53.0	54.3	53.0	53.0	51.7	51.7	50.3	50.3	51.7
85°	30.5	29.1	27.8	30.5	29.1	29.1	27.8	27.8	27.8	27.8	27.8
87.5°	6.6	7.9	7.9	7.9	7.9	9.3	9.3	9.3	10.6	10.6	10.6
90°	31.8	29.8	31.8	32.7	33.7	32.7	26.8	19.8	14.9	13.4	11.9
92.5°	74.4	85.3	100.2	128.0	152.8	150.8	117.1	79.4	52.6	47.2	41.7
95°	157.8	199.5	260.0	340.4	389.0	344.4	229.2	142.9	97.3	85.4	73.4
97.5°	324.5	424.7	531.9	639.1	634.1	490.2	304.7	184.6	126.0	112.6	99.2
100°	647.0	783.0	906.0	926.9	784.0	539.9	325.5	204.4	151.8	137.9	124.0
102.5°	1056.9	1147.2	1151.2	1034.1	788.9	521.0	326.5	222.3	174.7	160.8	146.9
105°	1330.8	1317.9	1205.7	999.3	735.4	495.2	331.5	243.1	196.5	182.6	168.7
107.5°	1411.2	1313.9	1147.2	925.9	685.7	481.3	342.4	264.0	218.3	204.4	190.5
110°	1371.5	1244.4	1066.8	857.4	652.0	477.3	356.3	284.8	241.1	226.8	212.4

TEST NUMBER: P999244

CATALOG NUMBER: SA2XXDIP-B865D925UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	1300.0	1162.1	993.4	809.8	630.2	478.3	371.1	304.7	263.0	248.1	233.2
115°	1218.6	1088.6	935.8	772.1	615.3	482.3	386.0	325.5	282.8	269.4	256.0
117.5°	1146.2	1025.1	888.2	746.3	607.3	488.2	401.9	344.4	304.7	290.8	276.9
120°	1082.7	977.5	854.4	726.4	600.4	494.2	417.8	364.2	325.5	311.6	297.7
122.5°	1036.0	937.8	827.6	709.5	596.4	501.1	431.7	383.1	347.3	333.0	318.6
125°	991.4	904.1	801.8	693.7	591.5	508.1	446.6	401.9	366.2	352.3	338.4
127.5°	953.7	870.3	776.0	678.8	588.5	515.0	460.5	419.8	385.0	370.6	356.3
130°	915.0	836.6	751.2	663.9	586.5	523.0	473.4	435.7	400.9	387.0	373.1
132.5°	875.3	804.8	727.4	652.0	585.5	530.9	486.3	449.5	416.8	402.9	389.0
135°	836.6	771.1	705.6	641.1	584.5	536.9	497.2	462.4	430.7	416.8	402.9
137.5°	797.9	744.3	687.7	633.1	584.5	542.8	506.1	473.4	441.6	428.7	415.8
140°	764.1	718.5	670.8	626.2	583.5	546.8	513.1	482.3	452.5	439.6	426.7
142.5°	733.4	695.7	657.0	619.2	583.5	549.8	519.0	489.2	460.5	448.6	436.6
145°	707.6	676.8	644.1	613.3	581.5	551.8	524.0	496.2	469.4	458.5	447.6
147.5°	685.7	660.9	634.1	607.3	578.6	552.8	527.0	502.1	476.3	466.4	456.5
150°	665.9	645.0	623.2	599.4	575.6	551.8	528.9	506.1	483.3	474.4	465.4
152.5°	649.0	632.1	612.3	592.4	570.6	549.8	529.9	510.1	490.2	482.3	474.4
155°	633.1	618.2	602.4	583.5	564.7	547.8	530.9	514.1	497.2	489.8	482.3
157.5°	617.3	604.4	590.5	575.6	558.7	543.8	530.9	517.0	502.1	495.6	489.2
160°	601.4	590.5	579.5	566.6	552.8	540.8	530.9	519.0	507.1	501.6	496.2
162.5°	586.5	577.6	568.6	558.7	547.8	537.9	529.9	520.0	510.1	506.1	502.1
165°	571.6	564.7	557.7	549.8	540.8	533.9	527.9	521.0	512.1	509.1	506.1
167.5°	557.7	552.8	546.8	540.8	534.9	529.9	527.0	521.0	514.1	512.1	510.1
170°	545.8	541.8	538.9	533.9	529.9	527.0	525.0	520.0	515.0	513.6	512.1
172.5°	534.9	531.9	529.9	527.0	524.0	523.0	522.0	519.0	516.0	515.0	514.1
175°	526.0	525.0	524.0	521.0	520.0	519.0	520.0	518.0	516.0	515.5	515.0
177.5°	520.0	519.0	519.0	517.0	516.0	517.0	519.0	517.0	516.0	516.0	516.0
180°	516.0	516.0	516.0	516.0	516.0	516.0	516.0	516.0	516.0	516.0	516.0

TEST NUMBER: P999244

CATALOG NUMBER: SA2XXDIP-B865D925UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1723.2	1723.2	1723.2	1723.2
2.5°	1691.5	1691.5	1711.3	1732.5
5°	1654.4	1663.6	1695.4	1724.6
7.5°	1618.6	1634.5	1674.2	1711.3
10°	1574.9	1596.1	1645.1	1688.8
12.5°	1532.5	1552.4	1609.3	1658.3
15°	1472.9	1498.1	1559.0	1619.9
17.5°	1413.3	1438.5	1512.6	1584.2
20°	1343.1	1376.2	1459.7	1555.0
22.5°	1278.2	1319.3	1412.0	1488.8
25°	1206.7	1270.2	1356.3	1455.7
27.5°	1143.1	1206.7	1294.1	1394.8
30°	1071.6	1136.5	1226.5	1319.3
32.5°	1002.7	1062.3	1149.7	1263.6
35°	931.2	988.1	1072.9	1188.1
37.5°	866.3	921.9	1014.6	1120.6
40°	802.7	861.0	940.4	1046.4
42.5°	743.1	794.7	866.3	972.2
45°	688.8	725.9	792.1	891.4
47.5°	631.8	664.9	725.9	825.2
50°	578.8	606.6	659.6	752.3
52.5°	527.2	551.0	600.0	674.2
55°	480.8	503.3	539.1	611.9
57.5°	433.1	450.3	484.8	543.1
60°	386.8	402.7	430.5	478.2
62.5°	340.4	353.7	380.1	418.6
65°	299.3	309.9	329.8	362.9
67.5°	259.6	266.2	282.1	308.6
70°	221.2	226.5	239.7	260.9
72.5°	180.1	185.4	200.0	214.6
75°	145.7	147.0	157.6	169.5
77.5°	113.9	112.6	120.5	129.8
80°	78.1	82.1	88.7	92.7
82.5°	53.0	54.3	57.0	59.6
85°	29.1	30.5	30.5	34.4
87.5°	11.9	13.2	13.2	14.6
90°	9.9	7.9	4.0	1.0
92.5°	33.7	28.8	20.8	14.9
95°	57.6	48.6	38.7	34.7
97.5°	81.4	68.5	57.6	51.6
100°	104.2	88.3	79.4	76.4
102.5°	126.0	110.2	101.2	99.2
105°	146.9	132.0	125.0	121.1
107.5°	168.7	154.8	147.9	144.9
110°	191.5	178.6	172.7	168.7



TEST NUMBER: P999244

CATALOG NUMBER: SA2XXDIP-B865D925UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	213.4	201.5	194.5	190.5
115°	236.2	224.3	218.3	213.4
117.5°	258.0	247.1	241.1	237.2
120°	277.9	268.9	263.0	259.0
122.5°	298.7	288.8	282.8	279.8
125°	318.6	306.6	300.7	297.7
127.5°	337.4	324.5	316.6	312.6
130°	353.3	339.4	329.5	325.5
132.5°	368.2	353.3	342.4	337.4
135°	380.1	365.2	353.3	349.3
137.5°	393.0	377.1	365.2	360.2
140°	404.9	389.0	377.1	373.1
142.5°	415.8	399.9	389.0	386.0
145°	427.7	412.8	402.9	398.9
147.5°	439.6	425.7	415.8	412.8
150°	450.5	437.6	429.7	426.7
152.5°	460.5	449.5	441.6	440.6
155°	471.4	460.5	454.5	453.5
157.5°	480.3	470.4	465.4	464.4
160°	488.2	480.3	476.3	475.3
162.5°	495.2	489.2	485.3	486.3
165°	501.1	495.2	493.2	494.2
167.5°	506.1	502.1	500.2	501.1
170°	510.1	507.1	506.1	508.1
172.5°	513.1	510.1	511.1	512.1
175°	515.0	513.1	514.1	515.0
177.5°	516.0	514.1	515.0	517.0
180°	516.0	516.0	516.0	516.0

TEST NUMBER: P999244

CATALOG NUMBER: SA2XXDIP-B865D925UB35-4F0-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	17.46	18.30	18.41	19.27	20.52	14.96	15.80	15.91	16.76	18.01
	3H	18.27	19.02	19.24	20.00	21.27	16.30	17.05	17.26	18.02	19.30
	4H	18.44	19.15	19.42	20.13	21.41	16.76	17.47	17.74	18.45	19.73
	6H	18.48	19.14	19.47	20.12	21.42	17.07	17.72	18.05	18.70	20.00
	8H	18.46	19.08	19.46	20.08	21.38	17.15	17.77	18.14	18.77	20.06
	12H	18.43	19.02	19.42	20.01	21.33	17.19	17.78	18.19	18.77	20.09
4H	2H	17.50	18.21	18.48	19.19	20.47	15.40	16.11	16.38	17.09	18.37
	3H	18.48	19.07	19.47	20.08	21.38	16.86	17.45	17.85	18.45	19.75
	4H	18.76	19.30	19.76	20.29	21.62	17.39	17.93	18.39	18.93	20.25
	6H	18.89	19.35	19.90	20.37	21.69	17.77	18.23	18.78	19.26	20.58
	8H	18.88	19.32	19.90	20.33	21.67	17.88	18.31	18.89	19.33	20.66
	12H	18.85	19.24	19.88	20.27	21.61	17.94	18.33	18.97	19.36	20.70
8H	4H	18.76	19.20	19.78	20.21	21.55	17.53	17.97	18.55	18.98	20.31
	6H	18.94	19.30	19.98	20.36	21.69	17.97	18.32	19.00	19.38	20.71
	8H	18.97	19.29	20.02	20.33	21.68	18.12	18.43	19.16	19.47	20.83
	12H	18.96	19.23	20.00	20.27	21.66	18.21	18.48	19.26	19.52	20.92
12H	4H	18.72	19.11	19.75	20.14	21.48	17.51	17.90	18.54	18.93	20.27
	6H	18.92	19.23	19.97	20.28	21.63	17.97	18.28	19.01	19.32	20.68
	8H	18.95	19.23	20.00	20.27	21.66	18.12	18.40	19.17	19.44	20.83