

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: P998818

Luminaire Tested: SA2XXDIP-B675D530UB30-4F0-XX-W2A-A4

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P998818
REPORT IS A COMBINATION OF REPORTS P984564 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXDIP-B675D530UB30-4F0-XX-W2A-A4
Description: Define 2 Direct/Indirect Pendant with 3000K BioUP LEDs {m-DER=0.589} {m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

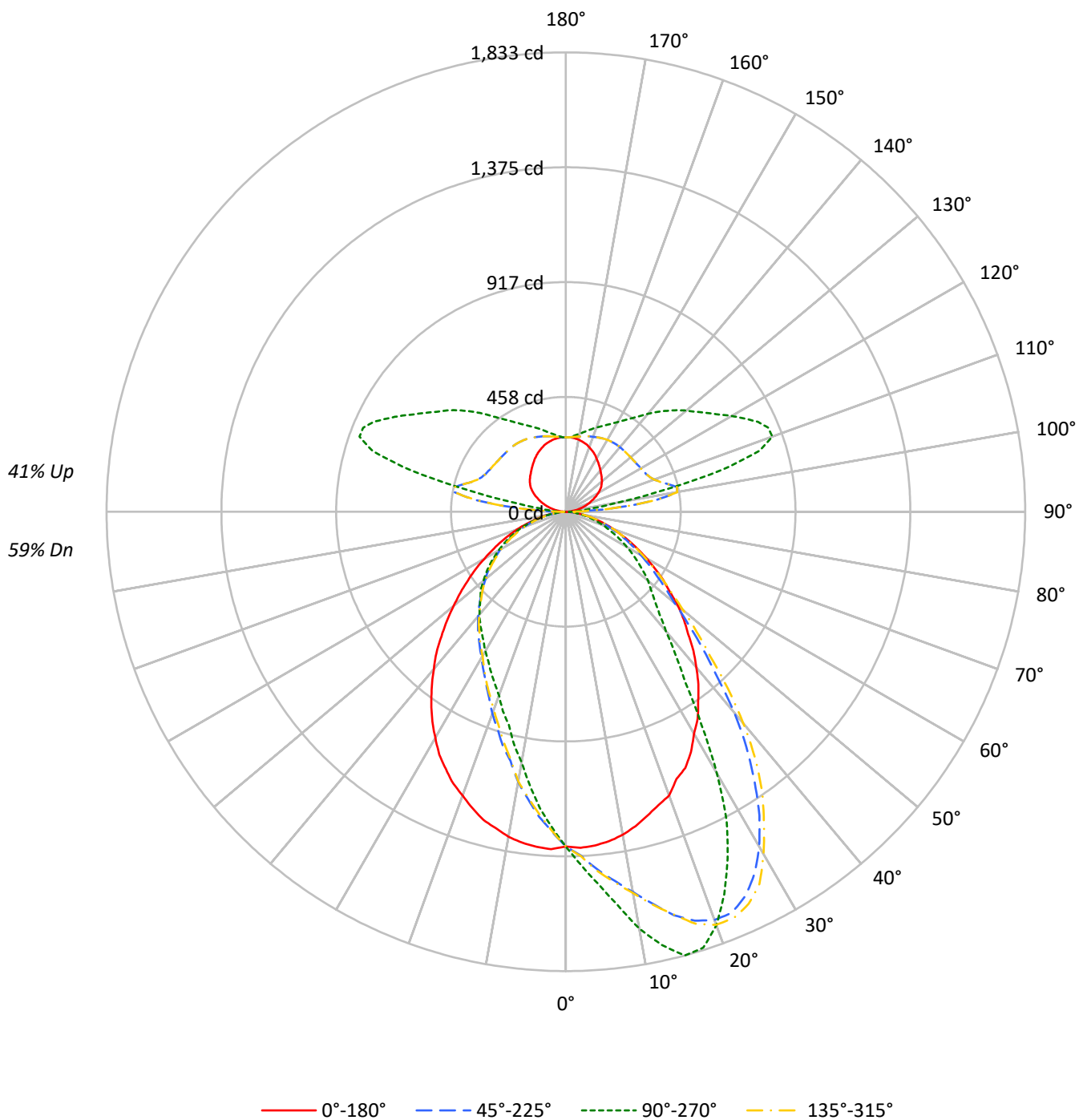
Lumens per Lamp: N/A
Luminaire Lumens: 5017.0 lumens
Efficiency: N/A
Efficacy: 97.8 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 51.3
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: P998818

CATALOG NUMBER: SA2XXDIP-B675D530UB30-4F0-XX-W2A-A4

Luminous Intensity Polar Plot



TEST NUMBER: P998818

CATALOG NUMBER: SA2XXDIP-B675D530UB30-4F0-XX-W2A-A4

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	109	109	109	109	102	102	102	102	88	88	88	76	76	76	64	64	64
1	100	96	92	89	93	90	87	84	78	76	74	67	66	64	58	56	55
2	92	85	79	74	85	79	74	70	69	65	62	60	57	55	51	49	47
3	84	75	68	62	78	70	64	59	62	57	53	54	50	47	46	43	41
4	77	67	59	53	72	63	56	51	55	50	46	48	44	41	42	38	36
5	71	60	52	46	66	56	49	44	50	44	40	43	39	36	38	34	32
6	66	54	46	40	61	51	44	38	45	39	35	40	35	32	34	31	28
7	61	49	41	36	57	46	39	34	41	35	31	36	32	28	32	28	25
8	57	45	37	32	53	42	35	30	38	32	28	33	29	25	29	26	23
9	53	41	34	29	50	39	32	27	35	29	25	31	26	23	27	23	21
10	50	38	31	26	46	36	29	25	32	27	23	29	24	21	25	22	19

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	21137	21137	21137	21137
5°	21187	22537	21268	17929
10°	20941	24603	21073	14781
15°	20433	25949	20718	12452
20°	20114	24365	20114	10822
25°	19473	20932	19562	9678
30°	18418	16454	18769	8766
35°	17484	11378	17776	8020
40°	16410	8590	16596	7427
45°	15085	7060	15332	6785
50°	13942	6196	13965	6211
55°	12636	5279	12716	5588
60°	11243	4410	11397	4877
65°	9996	3587	10178	4165
70°	8757	2815	8978	3359
75°	7351	2042	7636	2437
80°	5732	1295	6148	1446
85°	3772	651	4054	482

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 21850 cd/sqm

TEST NUMBER: P998818

CATALOG NUMBER: SA2XXDIP-B675D530UB30-4F0-XX-W2A-A4

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	127.2	2.5
10°-20°	370.2	7.4
20°-30°	537.2	10.7
30°-40°	566.3	11.3
40°-50°	501.2	10.0
50°-60°	400.2	8.0
60°-70°	271.8	5.4
70°-80°	139.1	2.8
80°-90°	34.8	0.7
90°-100°	115.8	2.3
100°-110°	407.9	8.1
110°-120°	428.4	8.5
120°-130°	352.4	7.0
130°-140°	283.1	5.6
140°-150°	213.9	4.3
150°-160°	150.3	3.0
160°-170°	88.5	1.8
170°-180°	28.8	0.6
0°-30°	1034.6	20.6
0°-40°	1600.9	31.9
0°-60°	2502.3	49.9
0°-90°	2947.9	58.8
90°-120°	952.1	19.0
90°-150°	1801.5	35.9
90°-180°	2069.0	41.2
0°-180°	5017.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1335	1335	1335	1335	1335	
5°	1336	1491	1341	1186	1336	127
15°	1255	1833	1273	880	1255	355
25°	1128	1527	1133	706	1128	516
35°	921	831	936	586	921	576
45°	691	501	702	481	691	536
55°	474	352	477	373	474	423
65°	281	217	286	252	281	280
75°	131	107	136	127	131	141
85°	27	28	29	20	27	31
90°	1	19	1	19	1	3
95°	20	65	20	65	20	21
105°	70	644	70	644	70	74
115°	123	847	123	847	123	122
125°	171	687	171	687	171	152
135°	201	570	201	570	201	155
145°	230	455	230	455	230	144
155°	261	382	261	382	261	120
165°	284	335	284	335	284	80
175°	296	302	296	302	296	28
180°	297	297	297	297	297	

TEST NUMBER: P998818

CATALOG NUMBER: SA2XXDIP-B675D530UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3
2.5°	1342.4	1345.5	1350.7	1351.7	1361.9	1370.2	1379.4	1379.4	1382.5	1381.4	1373.2
5°	1336.3	1345.5	1358.9	1370.2	1388.6	1396.8	1409.2	1418.4	1426.6	1432.8	1431.7
7.5°	1326.0	1342.4	1361.9	1383.5	1408.1	1422.5	1440.0	1456.4	1467.7	1477.9	1485.1
10°	1308.6	1336.3	1363.0	1391.7	1423.5	1443.0	1463.6	1485.1	1502.6	1522.1	1540.5
12.5°	1285.0	1325.0	1357.8	1395.8	1434.8	1456.4	1489.2	1505.6	1539.5	1588.8	1602.1
15°	1255.2	1309.6	1340.4	1388.6	1440.0	1457.4	1502.6	1529.2	1599.0	1629.8	1666.8
17.5°	1227.5	1288.1	1329.1	1384.5	1434.8	1468.7	1512.8	1567.2	1625.7	1669.9	1710.9
20°	1204.9	1263.4	1312.7	1374.3	1437.9	1481.0	1527.2	1592.9	1656.5	1701.7	1733.5
22.5°	1153.6	1228.5	1286.0	1354.8	1431.7	1491.3	1535.4	1607.2	1676.0	1703.7	1731.4
25°	1127.9	1192.6	1259.3	1337.3	1427.6	1498.5	1536.4	1616.5	1677.0	1687.3	1693.5
27.5°	1080.7	1153.6	1231.6	1320.9	1426.6	1486.1	1534.4	1607.2	1655.5	1648.3	1629.8
30°	1022.2	1111.5	1197.7	1294.2	1412.2	1476.9	1522.1	1588.8	1613.4	1576.5	1543.6
32.5°	979.1	1063.3	1158.7	1270.6	1395.8	1457.4	1501.5	1553.9	1559.0	1492.3	1436.9
35°	920.6	1014.0	1121.8	1239.8	1368.1	1423.5	1464.6	1496.4	1471.8	1378.4	1312.7
37.5°	868.3	960.7	1075.6	1195.7	1330.1	1384.5	1417.4	1422.5	1361.9	1279.8	1183.4
40°	810.8	906.3	1026.3	1152.6	1288.1	1335.3	1355.8	1340.4	1253.2	1157.7	1045.8
42.5°	753.3	847.8	977.1	1106.4	1234.7	1274.7	1282.9	1240.8	1134.1	1022.2	892.9
45°	690.7	789.3	918.6	1048.9	1173.1	1195.7	1196.7	1136.2	1009.9	892.9	772.8
47.5°	639.4	730.8	859.0	989.4	1094.1	1109.5	1103.3	1033.5	896.0	764.6	659.9
50°	583.0	670.2	797.5	925.8	1015.0	1019.2	1003.8	904.2	769.8	649.7	566.5
52.5°	522.4	610.7	727.7	850.8	930.9	924.7	895.0	788.2	662.0	562.4	498.8
55°	474.2	552.2	662.0	782.1	838.5	821.1	788.2	679.4	579.9	495.7	440.3
57.5°	420.8	489.6	597.3	702.0	734.9	718.4	685.6	584.0	491.6	428.0	391.0
60°	370.5	433.1	527.5	614.8	640.4	623.0	585.0	493.7	427.0	373.6	345.9
62.5°	324.3	378.7	457.7	537.8	548.1	530.6	497.8	423.9	366.4	324.3	303.8
65°	281.2	332.5	396.2	456.7	466.0	447.5	413.6	360.2	312.0	285.3	265.8
67.5°	239.1	280.2	336.6	380.8	385.9	368.5	340.7	297.6	267.9	239.1	224.8
70°	202.2	233.0	277.1	313.0	315.1	298.7	284.3	245.3	222.7	202.2	190.9
72.5°	166.3	187.8	221.7	248.4	249.4	239.1	225.8	201.2	181.7	167.3	156.0
75°	131.4	149.8	170.4	194.0	193.0	184.7	174.5	159.1	142.7	133.4	128.3
77.5°	100.6	111.9	128.3	143.7	143.7	139.6	133.4	122.1	111.9	102.6	97.5
80°	71.8	79.0	92.4	97.5	99.6	98.5	93.4	85.2	81.1	73.9	71.8
82.5°	46.2	51.3	57.5	62.6	65.7	63.6	62.6	58.5	52.3	50.3	48.2
85°	26.7	28.7	31.8	34.9	35.9	34.9	36.9	33.9	30.8	30.8	29.8
87.5°	11.3	12.3	14.4	14.4	15.4	15.4	14.4	15.4	15.4	14.4	13.3
90°	0.6	2.3	4.6	5.7	6.9	7.8	8.6	11.4	15.4	18.9	19.4
92.5°	8.6	12.0	16.6	19.4	24.0	27.2	30.3	45.7	67.4	86.8	88.0
95°	20.0	22.3	28.0	33.1	42.3	49.2	56.0	82.3	132.0	198.3	224.0
97.5°	29.7	33.1	39.4	46.9	57.1	64.8	72.6	106.3	175.4	282.3	365.1
100°	44.0	45.7	50.9	60.0	71.4	79.4	87.4	117.7	187.4	310.8	451.4
102.5°	57.1	58.3	63.4	72.6	84.6	92.6	100.6	128.0	188.0	300.0	454.2
105°	69.7	72.0	76.0	84.6	97.1	105.1	113.1	140.0	190.8	285.1	423.4
107.5°	83.4	85.1	89.1	97.1	109.7	117.7	125.7	152.0	197.1	277.1	394.8
110°	97.1	99.4	102.8	110.3	122.3	130.6	138.8	164.0	205.1	274.8	375.4

TEST NUMBER: P998818

CATALOG NUMBER: SA2XXDIP-B675D530UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	109.7	112.0	116.0	122.8	134.3	142.9	151.4	175.4	213.7	275.4	362.8
115°	122.8	125.7	129.1	136.0	147.4	155.1	162.8	187.4	222.3	277.7	354.2
117.5°	136.6	138.8	142.3	148.6	159.4	167.4	175.4	198.3	231.4	281.1	349.7
120°	149.1	151.4	154.8	160.0	171.4	179.4	187.4	209.7	240.5	284.5	345.7
122.5°	161.1	162.8	166.3	172.0	183.4	191.7	200.0	220.5	248.5	288.5	343.4
125°	171.4	173.1	176.6	183.4	194.8	202.8	210.8	231.4	257.1	292.5	340.5
127.5°	180.0	182.3	186.8	194.3	205.1	213.4	221.7	241.7	265.1	296.5	338.8
130°	187.4	189.7	195.4	203.4	214.8	222.8	230.8	250.8	272.5	301.1	337.7
132.5°	194.3	197.1	203.4	212.0	224.0	232.0	240.0	258.8	280.0	305.7	337.1
135°	201.1	203.4	210.3	218.8	232.0	240.0	248.0	266.3	286.3	309.1	336.5
137.5°	207.4	210.3	217.1	226.3	239.4	246.8	254.3	272.5	291.4	312.5	336.5
140°	214.8	217.1	224.0	233.1	245.7	253.1	260.5	277.7	295.4	314.8	336.0
142.5°	222.3	224.0	230.3	239.4	251.4	258.2	265.1	281.7	298.8	316.5	336.0
145°	229.7	232.0	237.7	246.3	257.7	264.0	270.3	285.7	301.7	317.7	334.8
147.5°	237.7	239.4	245.1	253.1	262.8	268.6	274.3	289.1	303.4	318.3	333.1
150°	245.7	247.4	252.0	259.4	268.0	273.2	278.3	291.4	304.5	317.7	331.4
152.5°	253.7	254.3	258.8	265.1	273.1	277.7	282.3	293.7	305.1	316.5	328.5
155°	261.1	261.7	265.1	271.4	277.7	282.0	286.3	296.0	305.7	315.4	325.1
157.5°	267.4	268.0	270.8	276.5	281.7	285.4	289.1	297.7	305.7	313.1	321.7
160°	273.7	274.3	276.5	281.1	285.7	288.8	292.0	298.8	305.7	311.4	318.3
162.5°	280.0	279.4	281.7	285.1	289.1	291.4	293.7	299.4	305.1	309.7	315.4
165°	284.5	284.0	285.1	288.5	291.4	293.1	294.8	300.0	304.0	307.4	311.4
167.5°	288.5	288.0	289.1	291.4	293.7	294.8	296.0	300.0	303.4	305.1	308.0
170°	292.5	291.4	292.0	293.7	294.8	295.6	296.5	299.4	302.3	303.4	305.1
172.5°	294.8	294.3	293.7	295.4	296.0	296.6	297.1	298.8	300.5	301.1	301.7
175°	296.5	296.0	295.4	296.5	296.5	296.8	297.1	298.3	299.4	298.8	299.4
177.5°	297.7	296.5	296.0	297.1	297.1	297.1	297.1	297.7	298.8	297.7	297.1
180°	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1

TEST NUMBER: P998818

CATALOG NUMBER: SA2XXDIP-B675D530UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3
2.5°	1387.6	1388.6	1390.7	1400.9	1406.1	1407.1	1403.0	1412.2	1415.3	1412.2	1410.2
5°	1453.3	1459.5	1471.8	1485.1	1484.1	1485.1	1491.3	1497.4	1499.5	1491.3	1494.3
7.5°	1510.8	1523.1	1536.4	1557.0	1557.0	1567.2	1571.3	1576.5	1588.8	1582.6	1580.6
10°	1576.5	1592.9	1617.5	1650.3	1651.4	1661.6	1671.9	1688.3	1693.5	1689.4	1691.4
12.5°	1658.6	1690.4	1692.4	1728.4	1744.8	1746.8	1763.2	1760.2	1770.4	1770.4	1787.9
15°	1694.5	1743.7	1771.5	1806.4	1816.6	1804.3	1817.6	1832.0	1833.0	1833.0	1832.0
17.5°	1759.1	1778.6	1806.4	1824.8	1828.9	1828.9	1830.0	1836.1	1832.0	1823.8	1830.0
20°	1772.5	1780.7	1791.0	1788.9	1791.0	1780.7	1770.4	1760.2	1761.2	1756.1	1771.5
22.5°	1747.9	1745.8	1722.2	1706.8	1706.8	1686.3	1666.8	1657.5	1648.3	1651.4	1656.5
25°	1686.3	1654.5	1625.7	1603.1	1598.0	1565.2	1538.5	1530.3	1514.9	1527.2	1529.2
27.5°	1587.7	1551.8	1505.6	1486.1	1459.5	1446.1	1427.6	1403.0	1371.2	1389.7	1386.6
30°	1482.0	1428.7	1390.7	1343.5	1301.4	1298.3	1263.4	1222.4	1205.9	1205.9	1215.2
32.5°	1364.0	1293.2	1237.8	1171.1	1130.0	1112.5	1070.5	1029.4	1038.7	1007.9	1019.2
35°	1226.5	1133.1	1063.3	998.6	967.8	947.3	892.9	870.3	845.7	831.3	858.0
37.5°	1095.1	987.3	898.0	827.2	815.9	779.0	742.0	727.7	713.3	719.5	718.4
40°	935.0	839.5	759.5	704.1	684.6	667.1	642.5	625.0	615.8	620.9	622.0
42.5°	790.3	710.2	650.7	611.7	595.3	583.0	570.6	556.3	553.2	553.2	557.3
45°	678.4	612.7	572.7	540.9	531.6	522.4	513.2	507.0	505.0	500.9	503.9
47.5°	589.1	536.8	512.1	488.5	478.3	476.2	468.0	464.9	460.8	459.8	460.8
50°	514.2	481.4	458.8	445.4	438.2	435.2	431.1	424.9	422.9	428.0	425.9
52.5°	461.9	431.1	418.7	405.4	401.3	397.2	391.0	392.1	391.0	389.0	389.0
55°	409.5	390.0	377.7	367.4	366.4	362.3	357.2	355.1	354.1	352.0	355.1
57.5°	367.4	352.0	340.7	331.5	327.4	327.4	322.3	318.2	318.2	317.1	318.2
60°	325.3	310.0	302.8	293.5	290.5	289.4	286.3	284.3	281.2	281.2	281.2
62.5°	286.3	274.0	265.8	257.6	258.6	253.5	249.4	247.3	247.3	248.4	248.4
65°	249.4	241.2	230.9	223.7	221.7	220.7	218.6	217.6	214.5	216.6	216.6
67.5°	215.5	204.2	198.1	195.0	191.9	190.9	188.8	186.8	185.8	184.7	186.8
70°	181.7	172.4	167.3	165.2	162.2	161.1	160.1	157.0	158.1	159.1	160.1
72.5°	150.9	142.7	141.6	135.5	135.5	135.5	131.4	133.4	132.4	130.3	132.4
75°	119.1	114.9	112.9	109.8	110.8	109.8	108.8	105.7	105.7	106.7	107.8
77.5°	94.4	90.3	89.3	86.2	84.2	86.2	84.2	83.1	83.1	84.2	84.2
80°	69.8	67.7	64.7	64.7	64.7	63.6	63.6	63.6	62.6	61.6	62.6
82.5°	46.2	46.2	45.2	44.1	45.2	43.1	44.1	44.1	44.1	44.1	44.1
85°	29.8	28.7	28.7	27.7	27.7	27.7	28.7	26.7	26.7	27.7	27.7
87.5°	13.3	13.3	13.3	14.4	13.3	13.3	13.3	14.4	13.3	13.3	13.3
90°	18.9	18.3	17.1	18.3	18.6	18.9	18.9	18.9	18.9	18.9	18.9
92.5°	73.7	57.7	49.1	42.9	40.6	38.3	37.7	35.4	36.0	34.9	36.0
95°	196.0	149.7	114.8	90.8	84.6	78.3	70.8	66.3	64.6	65.1	64.6
97.5°	368.0	306.3	244.5	186.8	169.7	152.6	130.3	118.8	112.6	109.1	112.6
100°	533.7	521.7	450.8	372.5	338.0	303.4	256.0	231.4	214.8	204.5	214.8
102.5°	595.4	662.8	660.5	608.5	571.4	534.2	481.7	435.4	413.7	398.8	413.7
105°	575.4	694.2	758.8	766.2	756.8	747.3	711.9	676.5	651.9	643.9	651.9
107.5°	533.1	660.5	756.5	812.5	823.9	835.3	834.8	829.6	822.2	809.1	822.2
110°	493.7	614.2	716.5	789.6	813.0	836.5	861.1	871.9	877.0	876.5	877.0

TEST NUMBER: P998818

CATALOG NUMBER: SA2XXDIP-B675D530UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	466.2	571.9	669.1	748.5	776.2	803.9	840.5	860.5	871.3	875.3	871.3
115°	444.5	538.8	626.8	701.6	731.0	760.5	801.1	827.3	842.2	847.3	842.2
117.5°	429.7	511.4	590.2	659.9	687.9	715.9	757.6	785.6	801.1	805.1	801.1
120°	418.2	491.9	562.8	623.4	649.4	675.4	715.4	742.2	758.8	764.5	758.8
122.5°	408.5	476.5	539.9	596.5	619.4	642.2	677.1	703.4	717.6	722.2	717.6
125°	399.4	461.7	520.5	570.8	592.2	613.6	646.8	668.5	682.8	687.4	682.8
127.5°	390.8	446.8	501.1	549.1	569.1	589.1	618.2	638.8	651.4	654.8	651.4
130°	382.2	432.5	481.7	526.8	545.6	564.5	592.5	611.9	623.4	627.9	623.4
132.5°	375.4	418.8	463.4	503.9	521.3	538.8	566.2	585.7	595.9	599.9	595.9
135°	369.1	406.2	444.0	481.7	497.7	513.7	538.2	557.1	567.4	569.7	567.4
137.5°	364.5	396.0	428.5	459.4	473.6	487.9	511.4	527.9	537.1	540.5	537.1
140°	360.5	386.2	413.7	440.0	452.6	465.1	483.4	498.2	506.8	510.2	506.8
142.5°	356.5	378.2	400.5	422.2	432.2	442.2	459.4	472.5	479.9	479.9	479.9
145°	353.1	370.8	389.7	407.4	415.7	424.0	437.7	447.4	453.1	454.8	453.1
147.5°	349.7	365.1	380.5	394.8	401.1	407.4	419.4	427.4	431.4	432.5	431.4
150°	345.1	358.8	371.4	383.4	388.5	393.7	402.2	409.1	412.5	413.1	412.5
152.5°	341.1	352.5	364.0	373.7	378.0	382.2	388.5	394.2	396.5	396.5	396.5
155°	336.0	346.8	356.0	364.5	367.6	370.8	377.1	381.1	383.4	382.2	383.4
157.5°	331.4	340.0	348.0	355.4	358.0	360.5	365.1	368.5	369.7	369.7	369.7
160°	326.3	333.7	340.0	346.2	348.2	350.2	354.2	357.1	357.7	357.7	357.7
162.5°	321.7	327.4	332.5	337.7	339.1	340.5	344.5	346.2	346.8	346.2	346.8
165°	316.5	321.1	325.1	329.1	330.2	331.4	333.7	336.0	336.0	335.4	336.0
167.5°	311.4	314.8	318.3	321.1	322.2	323.4	324.5	325.7	325.7	325.1	325.7
170°	307.4	310.3	312.0	314.3	314.8	315.4	316.0	317.7	317.1	316.0	317.1
172.5°	303.4	305.1	306.3	308.0	308.2	308.5	309.1	309.7	309.1	308.5	309.1
175°	300.0	301.7	302.3	302.8	303.1	303.4	303.4	304.0	303.4	302.3	303.4
177.5°	297.7	298.8	298.8	299.4	299.4	299.4	299.4	299.4	298.8	297.7	298.8
180°	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1

TEST NUMBER: P998818

CATALOG NUMBER: SA2XXDIP-B675D530UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3
2.5°	1415.3	1408.1	1402.0	1403.0	1408.1	1404.0	1393.8	1380.4	1375.3	1369.1	1375.3
5°	1500.5	1494.3	1482.0	1483.1	1480.0	1475.9	1459.5	1438.9	1438.9	1422.5	1420.5
7.5°	1584.7	1575.4	1567.2	1565.2	1553.9	1545.7	1531.3	1502.6	1491.3	1471.8	1460.5
10°	1679.1	1671.9	1662.7	1651.4	1645.2	1630.8	1607.2	1565.2	1544.6	1518.0	1498.5
12.5°	1774.5	1773.5	1753.0	1730.4	1729.4	1706.8	1690.4	1633.9	1606.2	1570.3	1524.1
15°	1835.1	1830.0	1818.7	1807.4	1810.5	1785.8	1748.9	1682.2	1663.7	1620.6	1571.3
17.5°	1834.1	1834.1	1831.0	1828.9	1825.9	1818.7	1798.1	1754.0	1724.2	1669.9	1623.7
20°	1775.6	1788.9	1792.0	1791.0	1801.2	1806.4	1805.3	1777.6	1754.0	1705.8	1658.6
22.5°	1658.6	1689.4	1702.7	1710.9	1732.5	1743.7	1770.4	1760.2	1754.0	1718.1	1678.1
25°	1549.8	1560.0	1600.1	1602.1	1631.9	1659.6	1686.3	1703.7	1726.3	1713.0	1679.1
27.5°	1409.2	1432.8	1461.5	1483.1	1489.2	1545.7	1589.8	1622.6	1674.0	1678.1	1666.8
30°	1250.1	1261.4	1308.6	1337.3	1370.2	1411.2	1474.8	1531.3	1577.5	1619.6	1633.9
32.5°	1056.1	1102.3	1130.0	1164.9	1193.6	1266.5	1344.5	1417.4	1470.7	1541.6	1572.3
35°	878.5	914.5	961.7	976.0	1028.4	1090.0	1191.6	1285.0	1366.1	1437.9	1500.5
37.5°	731.8	760.5	810.8	833.4	864.2	943.2	1028.4	1144.4	1241.9	1330.1	1408.1
40°	631.2	652.8	690.7	697.9	723.6	795.4	864.2	973.0	1102.3	1221.3	1306.5
42.5°	562.4	572.7	598.4	607.6	624.0	672.3	733.8	836.5	956.5	1079.7	1199.8
45°	513.2	520.4	535.7	544.0	564.5	586.0	636.3	718.4	812.9	937.0	1066.4
47.5°	469.0	478.3	484.4	489.6	500.9	524.5	557.3	617.9	708.2	822.1	947.3
50°	432.1	435.2	446.5	447.5	454.7	470.1	500.9	537.8	609.6	702.0	823.1
52.5°	395.1	398.2	405.4	412.6	415.7	428.0	448.5	479.3	532.7	605.5	713.3
55°	358.2	362.3	369.5	374.6	377.7	388.0	400.3	430.0	472.1	523.4	611.7
57.5°	321.2	330.5	332.5	335.6	340.7	352.0	363.3	380.8	413.6	460.8	525.5
60°	286.3	289.4	296.6	299.7	304.8	311.0	325.3	338.7	362.3	399.2	457.7
62.5°	250.4	257.6	260.7	263.8	267.9	275.1	284.3	298.7	319.2	349.0	395.1
65°	219.6	220.7	226.8	230.9	235.0	240.2	249.4	262.7	275.1	302.8	336.6
67.5°	189.9	191.9	194.0	198.1	203.2	208.3	216.6	223.7	239.1	257.6	284.3
70°	161.1	161.1	166.3	169.3	168.3	174.5	180.6	188.8	200.1	217.6	239.1
72.5°	135.5	134.5	138.6	139.6	141.6	145.7	149.8	158.1	164.2	177.6	194.0
75°	107.8	109.8	111.9	111.9	114.9	118.0	122.1	126.2	133.4	141.6	154.0
77.5°	85.2	85.2	87.2	88.3	91.3	90.3	94.4	98.5	103.7	110.8	120.1
80°	62.6	64.7	64.7	64.7	65.7	66.7	70.8	73.9	77.0	82.1	86.2
82.5°	44.1	44.1	46.2	46.2	46.2	48.2	48.2	49.3	51.3	54.4	57.5
85°	27.7	27.7	27.7	28.7	27.7	28.7	30.8	29.8	30.8	32.8	32.8
87.5°	13.3	13.3	13.3	13.3	13.3	14.4	13.3	14.4	15.4	15.4	15.4
90°	18.9	18.9	18.9	18.6	18.3	17.1	18.3	18.9	19.4	18.9	15.4
92.5°	35.4	37.7	38.3	40.6	42.9	49.1	57.7	73.7	88.0	86.8	67.4
95°	66.3	70.8	78.3	84.6	90.8	114.8	149.7	196.0	224.0	198.3	132.0
97.5°	118.8	130.3	152.6	169.7	186.8	244.5	306.3	368.0	365.1	282.3	175.4
100°	231.4	256.0	303.4	338.0	372.5	450.8	521.7	533.7	451.4	310.8	187.4
102.5°	435.4	481.7	534.2	571.4	608.5	660.5	662.8	595.4	454.2	300.0	188.0
105°	676.5	711.9	747.3	756.8	766.2	758.8	694.2	575.4	423.4	285.1	190.8
107.5°	829.6	834.8	835.3	823.9	812.5	756.5	660.5	533.1	394.8	277.1	197.1
110°	871.9	861.1	836.5	813.0	789.6	716.5	614.2	493.7	375.4	274.8	205.1

TEST NUMBER: P998818

CATALOG NUMBER: SA2XXDIP-B675D530UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	860.5	840.5	803.9	776.2	748.5	669.1	571.9	466.2	362.8	275.4	213.7
115°	827.3	801.1	760.5	731.0	701.6	626.8	538.8	444.5	354.2	277.7	222.3
117.5°	785.6	757.6	715.9	687.9	659.9	590.2	511.4	429.7	349.7	281.1	231.4
120°	742.2	715.4	675.4	649.4	623.4	562.8	491.9	418.2	345.7	284.5	240.5
122.5°	703.4	677.1	642.2	619.4	596.5	539.9	476.5	408.5	343.4	288.5	248.5
125°	668.5	646.8	613.6	592.2	570.8	520.5	461.7	399.4	340.5	292.5	257.1
127.5°	638.8	618.2	589.1	569.1	549.1	501.1	446.8	390.8	338.8	296.5	265.1
130°	611.9	592.5	564.5	545.6	526.8	481.7	432.5	382.2	337.7	301.1	272.5
132.5°	585.7	566.2	538.8	521.3	503.9	463.4	418.8	375.4	337.1	305.7	280.0
135°	557.1	538.2	513.7	497.7	481.7	444.0	406.2	369.1	336.5	309.1	286.3
137.5°	527.9	511.4	487.9	473.6	459.4	428.5	396.0	364.5	336.5	312.5	291.4
140°	498.2	483.4	465.1	452.6	440.0	413.7	386.2	360.5	336.0	314.8	295.4
142.5°	472.5	459.4	442.2	432.2	422.2	400.5	378.2	356.5	336.0	316.5	298.8
145°	447.4	437.7	424.0	415.7	407.4	389.7	370.8	353.1	334.8	317.7	301.7
147.5°	427.4	419.4	407.4	401.1	394.8	380.5	365.1	349.7	333.1	318.3	303.4
150°	409.1	402.2	393.7	388.5	383.4	371.4	358.8	345.1	331.4	317.7	304.5
152.5°	394.2	388.5	382.2	378.0	373.7	364.0	352.5	341.1	328.5	316.5	305.1
155°	381.1	377.1	370.8	367.6	364.5	356.0	346.8	336.0	325.1	315.4	305.7
157.5°	368.5	365.1	360.5	358.0	355.4	348.0	340.0	331.4	321.7	313.1	305.7
160°	357.1	354.2	350.2	348.2	346.2	340.0	333.7	326.3	318.3	311.4	305.7
162.5°	346.2	344.5	340.5	339.1	337.7	332.5	327.4	321.7	315.4	309.7	305.1
165°	336.0	333.7	331.4	330.2	329.1	325.1	321.1	316.5	311.4	307.4	304.0
167.5°	325.7	324.5	323.4	322.2	321.1	318.3	314.8	311.4	308.0	305.1	303.4
170°	317.7	316.0	315.4	314.8	314.3	312.0	310.3	307.4	305.1	303.4	302.3
172.5°	309.7	309.1	308.5	308.2	308.0	306.3	305.1	303.4	301.7	301.1	300.5
175°	304.0	303.4	303.4	303.1	302.8	302.3	301.7	300.0	299.4	298.8	299.4
177.5°	299.4	299.4	299.4	299.4	299.4	298.8	298.8	297.7	297.1	297.7	298.8
180°	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1

TEST NUMBER: P998818

CATALOG NUMBER: SA2XXDIP-B675D530UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3
2.5°	1370.2	1365.0	1361.9	1364.0	1357.8	1342.4	1342.4	1347.6	1341.4	1335.3	1326.0
5°	1408.1	1397.9	1391.7	1390.7	1376.3	1351.7	1346.6	1341.4	1328.1	1313.7	1298.3
7.5°	1445.1	1426.6	1416.3	1409.2	1388.6	1356.8	1343.5	1332.2	1310.6	1289.1	1269.6
10°	1475.9	1449.2	1436.9	1425.6	1398.9	1358.9	1337.3	1316.8	1289.1	1261.4	1236.7
12.5°	1500.5	1469.7	1454.3	1437.9	1405.1	1352.7	1326.0	1293.2	1265.5	1228.5	1203.9
15°	1541.6	1477.9	1463.6	1448.2	1414.3	1342.4	1309.6	1272.7	1234.7	1185.4	1158.7
17.5°	1574.4	1489.2	1488.2	1455.3	1411.2	1338.3	1288.1	1239.8	1198.8	1149.5	1107.4
20°	1593.9	1506.7	1490.2	1456.4	1400.9	1310.6	1258.3	1204.9	1160.8	1101.3	1059.2
22.5°	1610.3	1531.3	1488.2	1447.1	1379.4	1301.4	1224.4	1174.1	1113.6	1048.9	1008.9
25°	1616.5	1536.4	1491.3	1444.1	1364.0	1274.7	1187.5	1133.1	1065.3	1006.8	952.4
27.5°	1617.5	1535.4	1480.0	1430.7	1342.4	1239.8	1150.5	1093.0	1018.1	950.4	896.0
30°	1607.2	1524.1	1473.8	1420.5	1321.9	1208.0	1105.4	1041.7	961.7	893.9	837.5
32.5°	1576.5	1501.5	1460.5	1402.0	1295.2	1163.9	1062.3	991.4	907.3	840.6	786.2
35°	1525.1	1473.8	1428.7	1374.3	1260.3	1122.8	1019.2	936.0	850.8	787.2	735.9
37.5°	1461.5	1433.8	1391.7	1338.3	1220.3	1085.9	970.9	878.5	793.4	731.8	681.5
40°	1375.3	1382.5	1341.4	1293.2	1173.1	1035.6	908.3	820.0	740.0	682.5	633.2
42.5°	1281.9	1311.7	1288.1	1241.9	1120.8	980.2	862.1	764.6	686.6	627.1	586.0
45°	1181.3	1232.6	1218.3	1184.4	1066.4	921.7	796.4	702.0	633.2	575.8	539.9
47.5°	1071.5	1144.4	1144.4	1119.7	1005.8	863.1	740.0	643.5	575.8	534.7	499.8
50°	959.6	1041.7	1055.1	1038.7	938.1	796.4	671.2	584.0	525.5	485.5	459.8
52.5°	842.6	938.1	962.7	954.5	866.2	732.8	614.8	529.6	476.2	441.3	418.7
55°	730.8	841.6	868.3	871.4	789.3	663.0	552.2	477.2	425.9	402.3	382.8
57.5°	625.0	731.8	761.5	766.7	711.3	599.4	493.7	428.0	381.8	362.3	346.9
60°	534.7	624.0	663.0	674.3	626.1	525.5	439.3	375.6	340.7	322.3	307.9
62.5°	460.8	532.7	573.7	576.8	555.2	460.8	382.8	329.5	299.7	283.3	276.1
65°	389.0	453.6	478.3	490.6	473.1	399.2	330.5	286.3	262.7	248.4	241.2
67.5°	331.5	372.6	393.1	409.5	392.1	336.6	281.2	245.3	227.8	213.5	209.4
70°	272.0	305.8	321.2	337.7	322.3	280.2	240.2	207.3	191.9	180.6	175.5
72.5°	217.6	244.3	258.6	268.9	259.7	224.8	191.9	169.3	158.1	149.8	146.8
75°	172.4	190.9	199.1	206.3	202.2	175.5	155.0	136.5	126.2	119.1	117.0
77.5°	131.4	144.7	154.0	156.0	150.9	133.4	116.0	104.7	96.5	92.4	90.3
80°	93.4	101.6	106.7	109.8	104.7	97.5	85.2	77.0	69.8	64.7	63.6
82.5°	62.6	66.7	70.8	69.8	67.7	61.6	54.4	50.3	47.2	43.1	43.1
85°	35.9	36.9	39.0	40.0	39.0	34.9	30.8	28.7	26.7	23.6	23.6
87.5°	15.4	16.4	16.4	17.4	15.4	15.4	13.3	11.3	11.3	10.3	9.2
90°	11.4	8.6	7.8	6.9	5.7	4.6	2.3	0.6	2.3	4.6	5.7
92.5°	45.7	30.3	27.2	24.0	19.4	16.6	12.0	8.6	12.0	16.6	19.4
95°	82.3	56.0	49.2	42.3	33.1	28.0	22.3	20.0	22.3	28.0	33.1
97.5°	106.3	72.6	64.8	57.1	46.9	39.4	33.1	29.7	33.1	39.4	46.9
100°	117.7	87.4	79.4	71.4	60.0	50.9	45.7	44.0	45.7	50.9	60.0
102.5°	128.0	100.6	92.6	84.6	72.6	63.4	58.3	57.1	58.3	63.4	72.6
105°	140.0	113.1	105.1	97.1	84.6	76.0	72.0	69.7	72.0	76.0	84.6
107.5°	152.0	125.7	117.7	109.7	97.1	89.1	85.1	83.4	85.1	89.1	97.1
110°	164.0	138.8	130.6	122.3	110.3	102.8	99.4	97.1	99.4	102.8	110.3

TEST NUMBER: P998818

CATALOG NUMBER: SA2XXDIP-B675D530UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	175.4	151.4	142.9	134.3	122.8	116.0	112.0	109.7	112.0	116.0	122.8
115°	187.4	162.8	155.1	147.4	136.0	129.1	125.7	122.8	125.7	129.1	136.0
117.5°	198.3	175.4	167.4	159.4	148.6	142.3	138.8	136.6	138.8	142.3	148.6
120°	209.7	187.4	179.4	171.4	160.0	154.8	151.4	149.1	151.4	154.8	160.0
122.5°	220.5	200.0	191.7	183.4	172.0	166.3	162.8	161.1	162.8	166.3	172.0
125°	231.4	210.8	202.8	194.8	183.4	176.6	173.1	171.4	173.1	176.6	183.4
127.5°	241.7	221.7	213.4	205.1	194.3	186.8	182.3	180.0	182.3	186.8	194.3
130°	250.8	230.8	222.8	214.8	203.4	195.4	189.7	187.4	189.7	195.4	203.4
132.5°	258.8	240.0	232.0	224.0	212.0	203.4	197.1	194.3	197.1	203.4	212.0
135°	266.3	248.0	240.0	232.0	218.8	210.3	203.4	201.1	203.4	210.3	218.8
137.5°	272.5	254.3	246.8	239.4	226.3	217.1	210.3	207.4	210.3	217.1	226.3
140°	277.7	260.5	253.1	245.7	233.1	224.0	217.1	214.8	217.1	224.0	233.1
142.5°	281.7	265.1	258.2	251.4	239.4	230.3	224.0	222.3	224.0	230.3	239.4
145°	285.7	270.3	264.0	257.7	246.3	237.7	232.0	229.7	232.0	237.7	246.3
147.5°	289.1	274.3	268.6	262.8	253.1	245.1	239.4	237.7	239.4	245.1	253.1
150°	291.4	278.3	273.2	268.0	259.4	252.0	247.4	245.7	247.4	252.0	259.4
152.5°	293.7	282.3	277.7	273.1	265.1	258.8	254.3	253.7	254.3	258.8	265.1
155°	296.0	286.3	282.0	277.7	271.4	265.1	261.7	261.1	261.7	265.1	271.4
157.5°	297.7	289.1	285.4	281.7	276.5	270.8	268.0	267.4	268.0	270.8	276.5
160°	298.8	292.0	288.8	285.7	281.1	276.5	274.3	273.7	274.3	276.5	281.1
162.5°	299.4	293.7	291.4	289.1	285.1	281.7	279.4	280.0	279.4	281.7	285.1
165°	300.0	294.8	293.1	291.4	288.5	285.1	284.0	284.5	284.0	285.1	288.5
167.5°	300.0	296.0	294.8	293.7	291.4	289.1	288.0	288.5	288.0	289.1	291.4
170°	299.4	296.5	295.6	294.8	293.7	292.0	291.4	292.5	291.4	292.0	293.7
172.5°	298.8	297.1	296.6	296.0	295.4	293.7	294.3	294.8	294.3	293.7	295.4
175°	298.3	297.1	296.8	296.5	296.5	295.4	296.0	296.5	296.0	295.4	296.5
177.5°	297.7	297.1	297.1	297.1	297.1	296.0	296.5	297.7	296.5	296.0	297.1
180°	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1

TEST NUMBER: P998818

CATALOG NUMBER: SA2XXDIP-B675D530UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3
2.5°	1320.9	1326.0	1325.0	1314.7	1303.4	1294.2	1276.8	1278.8	1272.7	1273.7	1279.8
5°	1288.1	1288.1	1283.9	1269.6	1251.1	1240.8	1221.3	1216.2	1203.9	1202.9	1201.8
7.5°	1253.2	1248.0	1242.9	1222.4	1199.8	1183.4	1156.7	1150.5	1138.2	1130.0	1125.9
10°	1212.1	1204.9	1194.7	1171.1	1143.3	1122.8	1095.1	1086.9	1063.3	1053.0	1046.9
12.5°	1166.9	1162.8	1146.4	1126.9	1081.8	1059.2	1019.2	1027.4	1003.8	983.2	980.2
15°	1121.8	1106.4	1097.2	1065.3	1010.9	1000.7	968.9	952.4	930.9	914.5	914.5
17.5°	1077.7	1054.0	1033.5	999.7	959.6	930.9	907.3	899.1	872.4	856.0	852.9
20°	1019.2	992.5	987.3	939.1	911.4	879.6	857.0	836.5	817.0	809.8	804.6
22.5°	963.7	932.9	924.7	883.7	856.0	824.1	801.6	787.2	772.8	767.7	758.5
25°	904.2	885.7	873.4	829.3	798.5	768.7	753.3	743.1	729.7	728.7	722.5
27.5°	846.7	829.3	817.0	774.9	752.3	724.6	712.3	701.0	693.8	690.7	687.6
30°	797.5	778.0	763.6	732.8	705.1	682.5	672.3	665.1	661.0	655.8	654.8
32.5°	743.1	731.8	712.3	688.7	667.1	645.6	639.4	634.3	628.1	626.1	625.0
35°	696.9	681.5	669.2	642.5	633.2	614.8	607.6	603.5	595.3	593.2	591.2
37.5°	651.7	637.4	624.0	607.6	590.1	579.9	575.8	569.6	565.5	566.5	564.5
40°	606.6	595.3	585.0	567.6	557.3	552.2	544.0	537.8	535.7	536.8	535.7
42.5°	562.4	552.2	546.0	532.7	522.4	517.3	512.1	506.0	509.1	509.1	512.1
45°	522.4	513.2	509.1	498.8	492.6	484.4	479.3	478.3	482.4	481.4	481.4
47.5°	481.4	478.3	473.1	463.9	455.7	450.6	449.5	449.5	453.6	455.7	454.7
50°	449.5	443.4	437.2	430.0	423.9	421.8	418.7	420.8	424.9	424.9	427.0
52.5°	409.5	405.4	403.4	397.2	393.1	393.1	393.1	394.1	397.2	400.3	399.2
55°	374.6	371.5	369.5	366.4	361.3	362.3	361.3	363.3	366.4	369.5	371.5
57.5°	337.7	336.6	334.6	329.5	329.5	328.4	331.5	332.5	337.7	339.7	342.8
60°	304.8	301.7	301.7	297.6	297.6	297.6	300.7	303.8	307.9	308.9	311.0
62.5°	269.9	269.9	268.9	265.8	265.8	268.9	269.9	274.0	276.1	276.1	279.2
65°	237.1	236.1	235.0	236.1	237.1	237.1	240.2	242.2	244.3	245.3	246.3
67.5°	204.2	203.2	205.3	204.2	206.3	210.4	209.4	212.5	215.5	215.5	216.6
70°	173.5	175.5	174.5	176.5	175.5	177.6	180.6	181.7	181.7	182.7	185.8
72.5°	144.7	144.7	144.7	143.7	144.7	146.8	148.8	149.8	151.9	152.9	156.0
75°	117.0	117.0	114.9	117.0	117.0	119.1	121.1	121.1	121.1	123.2	126.2
77.5°	88.3	89.3	88.3	90.3	90.3	91.3	93.4	92.4	94.4	95.4	96.5
80°	64.7	63.6	63.6	63.6	64.7	64.7	66.7	67.7	67.7	70.8	68.8
82.5°	41.1	42.1	41.1	42.1	42.1	43.1	42.1	43.1	44.1	46.2	45.2
85°	23.6	22.6	22.6	23.6	22.6	22.6	23.6	22.6	23.6	22.6	23.6
87.5°	9.2	8.2	8.2	8.2	8.2	7.2	7.2	6.2	6.2	6.2	5.1
90°	6.9	7.8	8.6	11.4	15.4	18.9	19.4	18.9	18.3	17.1	18.3
92.5°	24.0	27.2	30.3	45.7	67.4	86.8	88.0	73.7	57.7	49.1	42.9
95°	42.3	49.2	56.0	82.3	132.0	198.3	224.0	196.0	149.7	114.8	90.8
97.5°	57.1	64.8	72.6	106.3	175.4	282.3	365.1	368.0	306.3	244.5	186.8
100°	71.4	79.4	87.4	117.7	187.4	310.8	451.4	533.7	521.7	450.8	372.5
102.5°	84.6	92.6	100.6	128.0	188.0	300.0	454.2	595.4	662.8	660.5	608.5
105°	97.1	105.1	113.1	140.0	190.8	285.1	423.4	575.4	694.2	758.8	766.2
107.5°	109.7	117.7	125.7	152.0	197.1	277.1	394.8	533.1	660.5	756.5	812.5
110°	122.3	130.6	138.8	164.0	205.1	274.8	375.4	493.7	614.2	716.5	789.6

TEST NUMBER: P998818

CATALOG NUMBER: SA2XXDIP-B675D530UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	134.3	142.9	151.4	175.4	213.7	275.4	362.8	466.2	571.9	669.1	748.5
115°	147.4	155.1	162.8	187.4	222.3	277.7	354.2	444.5	538.8	626.8	701.6
117.5°	159.4	167.4	175.4	198.3	231.4	281.1	349.7	429.7	511.4	590.2	659.9
120°	171.4	179.4	187.4	209.7	240.5	284.5	345.7	418.2	491.9	562.8	623.4
122.5°	183.4	191.7	200.0	220.5	248.5	288.5	343.4	408.5	476.5	539.9	596.5
125°	194.8	202.8	210.8	231.4	257.1	292.5	340.5	399.4	461.7	520.5	570.8
127.5°	205.1	213.4	221.7	241.7	265.1	296.5	338.8	390.8	446.8	501.1	549.1
130°	214.8	222.8	230.8	250.8	272.5	301.1	337.7	382.2	432.5	481.7	526.8
132.5°	224.0	232.0	240.0	258.8	280.0	305.7	337.1	375.4	418.8	463.4	503.9
135°	232.0	240.0	248.0	266.3	286.3	309.1	336.5	369.1	406.2	444.0	481.7
137.5°	239.4	246.8	254.3	272.5	291.4	312.5	336.5	364.5	396.0	428.5	459.4
140°	245.7	253.1	260.5	277.7	295.4	314.8	336.0	360.5	386.2	413.7	440.0
142.5°	251.4	258.2	265.1	281.7	298.8	316.5	336.0	356.5	378.2	400.5	422.2
145°	257.7	264.0	270.3	285.7	301.7	317.7	334.8	353.1	370.8	389.7	407.4
147.5°	262.8	268.6	274.3	289.1	303.4	318.3	333.1	349.7	365.1	380.5	394.8
150°	268.0	273.2	278.3	291.4	304.5	317.7	331.4	345.1	358.8	371.4	383.4
152.5°	273.1	277.7	282.3	293.7	305.1	316.5	328.5	341.1	352.5	364.0	373.7
155°	277.7	282.0	286.3	296.0	305.7	315.4	325.1	336.0	346.8	356.0	364.5
157.5°	281.7	285.4	289.1	297.7	305.7	313.1	321.7	331.4	340.0	348.0	355.4
160°	285.7	288.8	292.0	298.8	305.7	311.4	318.3	326.3	333.7	340.0	346.2
162.5°	289.1	291.4	293.7	299.4	305.1	309.7	315.4	321.7	327.4	332.5	337.7
165°	291.4	293.1	294.8	300.0	304.0	307.4	311.4	316.5	321.1	325.1	329.1
167.5°	293.7	294.8	296.0	300.0	303.4	305.1	308.0	311.4	314.8	318.3	321.1
170°	294.8	295.6	296.5	299.4	302.3	303.4	305.1	307.4	310.3	312.0	314.3
172.5°	296.0	296.6	297.1	298.8	300.5	301.1	301.7	303.4	305.1	306.3	308.0
175°	296.5	296.8	297.1	298.3	299.4	298.8	299.4	300.0	301.7	302.3	302.8
177.5°	297.1	297.1	297.1	297.7	298.8	297.7	297.1	297.7	298.8	298.8	299.4
180°	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1

TEST NUMBER: P998818

CATALOG NUMBER: SA2XXDIP-B675D530UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3
2.5°	1272.7	1275.7	1268.6	1266.5	1268.6	1261.4	1263.4	1265.5	1265.5	1268.6	1270.6
5°	1198.8	1194.7	1187.5	1185.4	1183.4	1186.4	1184.4	1187.5	1188.5	1195.7	1196.7
7.5°	1125.9	1119.7	1113.6	1107.4	1105.4	1100.2	1105.4	1105.4	1112.5	1110.5	1115.6
10°	1039.7	1038.7	1030.4	1027.4	1023.3	1015.0	1026.3	1023.3	1028.4	1037.6	1039.7
12.5°	976.0	964.8	969.9	955.5	960.7	952.4	953.5	953.5	961.7	962.7	960.7
15°	915.5	906.3	892.9	886.8	883.7	879.6	892.9	893.9	887.8	902.2	897.0
17.5°	853.9	853.9	841.6	838.5	830.3	834.4	832.4	833.4	831.3	841.6	846.7
20°	800.5	795.4	791.3	792.3	782.1	780.0	778.0	780.0	787.2	794.4	796.4
22.5°	757.4	754.4	744.1	746.1	737.9	741.0	739.0	744.1	745.1	745.1	752.3
25°	716.4	712.3	713.3	709.2	706.1	706.1	703.0	706.1	710.2	712.3	713.3
27.5°	685.6	682.5	677.4	674.3	676.4	671.2	675.3	678.4	678.4	676.4	678.4
30°	648.6	650.7	650.7	640.4	644.5	642.5	645.6	647.6	647.6	648.6	646.6
32.5°	624.0	617.9	616.8	615.8	615.8	611.7	611.7	614.8	615.8	616.8	619.9
35°	591.2	591.2	586.0	589.1	585.0	586.0	585.0	586.0	588.1	585.0	588.1
37.5°	561.4	562.4	560.4	562.4	563.5	561.4	559.4	563.5	561.4	561.4	559.4
40°	535.7	534.7	535.7	535.7	535.7	536.8	534.7	534.7	534.7	532.7	530.6
42.5°	514.2	508.0	510.1	511.1	508.0	508.0	509.1	508.0	511.1	505.0	505.0
45°	483.4	481.4	482.4	482.4	484.4	481.4	483.4	484.4	481.4	480.3	478.3
47.5°	455.7	457.7	455.7	457.7	457.7	459.8	455.7	456.7	457.7	453.6	450.6
50°	428.0	428.0	431.1	430.0	431.1	429.0	429.0	428.0	429.0	427.0	423.9
52.5°	402.3	399.2	404.4	403.4	402.3	401.3	400.3	401.3	399.2	397.2	397.2
55°	370.5	370.5	373.6	374.6	374.6	372.6	370.5	371.5	370.5	369.5	368.5
57.5°	344.8	340.7	342.8	343.8	343.8	340.7	342.8	340.7	340.7	341.8	338.7
60°	312.0	312.0	310.0	313.0	313.0	311.0	311.0	312.0	310.0	308.9	307.9
62.5°	277.1	278.1	281.2	282.2	283.3	281.2	279.2	280.2	280.2	277.1	278.1
65°	247.3	249.4	253.5	252.5	250.4	251.5	249.4	250.4	247.3	248.4	245.3
67.5°	218.6	217.6	218.6	218.6	220.7	219.6	217.6	217.6	216.6	219.6	216.6
70°	187.8	187.8	187.8	187.8	188.8	189.9	187.8	185.8	186.8	184.7	183.7
72.5°	156.0	157.0	156.0	158.1	155.0	157.0	157.0	156.0	155.0	155.0	155.0
75°	126.2	128.3	125.2	126.2	125.2	127.3	126.2	126.2	124.2	123.2	124.2
77.5°	96.5	97.5	95.4	96.5	95.4	96.5	96.5	95.4	95.4	95.4	95.4
80°	68.8	69.8	68.8	67.7	66.7	68.8	66.7	67.7	68.8	67.7	69.8
82.5°	44.1	44.1	43.1	44.1	42.1	42.1	43.1	43.1	42.1	44.1	42.1
85°	21.6	21.6	23.6	21.6	20.5	20.5	20.5	21.6	20.5	22.6	21.6
87.5°	5.1	4.1	5.1	5.1	4.1	4.1	5.1	4.1	5.1	6.2	4.1
90°	18.6	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.6
92.5°	40.6	38.3	37.7	35.4	36.0	34.9	36.0	35.4	37.7	38.3	40.6
95°	84.6	78.3	70.8	66.3	64.6	65.1	64.6	66.3	70.8	78.3	84.6
97.5°	169.7	152.6	130.3	118.8	112.6	109.1	112.6	118.8	130.3	152.6	169.7
100°	338.0	303.4	256.0	231.4	214.8	204.5	214.8	231.4	256.0	303.4	338.0
102.5°	571.4	534.2	481.7	435.4	413.7	398.8	413.7	435.4	481.7	534.2	571.4
105°	756.8	747.3	711.9	676.5	651.9	643.9	651.9	676.5	711.9	747.3	756.8
107.5°	823.9	835.3	834.8	829.6	822.2	809.1	822.2	829.6	834.8	835.3	823.9
110°	813.0	836.5	861.1	871.9	877.0	876.5	877.0	871.9	861.1	836.5	813.0

TEST NUMBER: P998818

CATALOG NUMBER: SA2XXDIP-B675D530UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	776.2	803.9	840.5	860.5	871.3	875.3	871.3	860.5	840.5	803.9	776.2
115°	731.0	760.5	801.1	827.3	842.2	847.3	842.2	827.3	801.1	760.5	731.0
117.5°	687.9	715.9	757.6	785.6	801.1	805.1	801.1	785.6	757.6	715.9	687.9
120°	649.4	675.4	715.4	742.2	758.8	764.5	758.8	742.2	715.4	675.4	649.4
122.5°	619.4	642.2	677.1	703.4	717.6	722.2	717.6	703.4	677.1	642.2	619.4
125°	592.2	613.6	646.8	668.5	682.8	687.4	682.8	668.5	646.8	613.6	592.2
127.5°	569.1	589.1	618.2	638.8	651.4	654.8	651.4	638.8	618.2	589.1	569.1
130°	545.6	564.5	592.5	611.9	623.4	627.9	623.4	611.9	592.5	564.5	545.6
132.5°	521.3	538.8	566.2	585.7	595.9	599.9	595.9	585.7	566.2	538.8	521.3
135°	497.7	513.7	538.2	557.1	567.4	569.7	567.4	557.1	538.2	513.7	497.7
137.5°	473.6	487.9	511.4	527.9	537.1	540.5	537.1	527.9	511.4	487.9	473.6
140°	452.6	465.1	483.4	498.2	506.8	510.2	506.8	498.2	483.4	465.1	452.6
142.5°	432.2	442.2	459.4	472.5	479.9	479.9	479.9	472.5	459.4	442.2	432.2
145°	415.7	424.0	437.7	447.4	453.1	454.8	453.1	447.4	437.7	424.0	415.7
147.5°	401.1	407.4	419.4	427.4	431.4	432.5	431.4	427.4	419.4	407.4	401.1
150°	388.5	393.7	402.2	409.1	412.5	413.1	412.5	409.1	402.2	393.7	388.5
152.5°	378.0	382.2	388.5	394.2	396.5	396.5	396.5	394.2	388.5	382.2	378.0
155°	367.6	370.8	377.1	381.1	383.4	382.2	383.4	381.1	377.1	370.8	367.6
157.5°	358.0	360.5	365.1	368.5	369.7	369.7	369.7	368.5	365.1	360.5	358.0
160°	348.2	350.2	354.2	357.1	357.7	357.7	357.7	357.1	354.2	350.2	348.2
162.5°	339.1	340.5	344.5	346.2	346.8	346.2	346.8	346.2	344.5	340.5	339.1
165°	330.2	331.4	333.7	336.0	336.0	335.4	336.0	336.0	333.7	331.4	330.2
167.5°	322.2	323.4	324.5	325.7	325.7	325.1	325.7	325.7	324.5	323.4	322.2
170°	314.8	315.4	316.0	317.7	317.1	316.0	317.1	317.7	316.0	315.4	314.8
172.5°	308.2	308.5	309.1	309.7	309.1	308.5	309.1	309.7	309.1	308.5	308.2
175°	303.1	303.4	303.4	304.0	303.4	302.3	303.4	304.0	303.4	303.4	303.1
177.5°	299.4	299.4	299.4	299.4	298.8	297.7	298.8	299.4	299.4	299.4	299.4
180°	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1

TEST NUMBER: P998818

CATALOG NUMBER: SA2XXDIP-B675D530UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3
2.5°	1267.5	1275.7	1272.7	1261.4	1274.7	1274.7	1283.9	1283.9	1295.2	1299.3	1305.5
5°	1195.7	1201.8	1207.0	1201.8	1211.1	1225.4	1233.7	1240.8	1256.2	1262.4	1271.6
7.5°	1118.7	1130.0	1135.1	1135.1	1150.5	1166.9	1183.4	1193.6	1215.2	1223.4	1232.6
10°	1043.8	1057.1	1067.4	1066.4	1092.0	1102.3	1122.8	1146.4	1168.0	1180.3	1193.6
12.5°	964.8	971.9	986.3	1006.8	1013.0	1031.5	1055.1	1084.8	1123.8	1135.1	1154.6
15°	899.1	918.6	929.9	939.1	953.5	970.9	996.6	1025.3	1064.3	1088.9	1109.5
17.5°	843.6	869.3	876.5	874.4	892.9	919.6	949.4	970.9	1005.8	1035.6	1055.1
20°	798.5	808.8	821.1	826.2	840.6	869.3	898.0	922.7	951.4	975.0	997.6
22.5°	753.3	761.5	771.8	781.0	792.3	808.8	836.5	867.3	895.0	917.5	943.2
25°	716.4	721.5	730.8	737.9	750.3	761.5	781.0	814.9	847.8	861.1	883.7
27.5°	680.5	684.6	690.7	698.9	705.1	716.4	733.8	761.5	795.4	808.8	839.5
30°	648.6	651.7	657.9	662.0	665.1	678.4	691.8	713.3	739.0	757.4	780.0
32.5°	618.9	622.0	628.1	629.1	633.2	640.4	652.8	672.3	694.8	710.2	729.7
35°	586.0	588.1	594.2	596.3	599.4	605.5	614.8	629.1	649.7	661.0	678.4
37.5°	560.4	559.4	563.5	566.5	570.6	573.7	576.8	591.2	606.6	616.8	630.2
40°	532.7	530.6	531.6	535.7	537.8	541.9	541.9	556.3	566.5	574.7	585.0
42.5°	505.0	503.9	501.9	503.9	506.0	507.0	508.0	518.3	528.6	535.7	547.0
45°	477.2	476.2	474.2	475.2	475.2	477.2	480.3	484.4	491.6	497.8	503.9
47.5°	451.6	449.5	446.5	445.4	447.5	447.5	447.5	451.6	458.8	460.8	467.0
50°	424.9	421.8	417.7	415.7	415.7	414.6	416.7	417.7	423.9	425.9	431.1
52.5°	396.2	394.1	390.0	385.9	386.9	384.9	385.9	386.9	389.0	392.1	395.1
55°	367.4	363.3	360.2	359.2	356.1	356.1	353.1	357.2	356.1	357.2	361.3
57.5°	339.7	335.6	330.5	328.4	325.3	324.3	322.3	321.2	322.3	325.3	328.4
60°	306.9	304.8	301.7	298.7	296.6	293.5	291.5	291.5	290.5	290.5	291.5
62.5°	275.1	274.0	269.9	268.9	266.8	264.8	261.7	259.7	259.7	261.7	262.7
65°	244.3	243.2	240.2	239.1	234.0	232.0	230.9	229.9	227.8	227.8	227.8
67.5°	215.5	212.5	212.5	207.3	203.2	201.2	199.1	198.1	198.1	198.1	199.1
70°	183.7	183.7	180.6	177.6	173.5	174.5	171.4	168.3	168.3	166.3	167.3
72.5°	152.9	151.9	148.8	147.8	144.7	141.6	139.6	141.6	138.6	137.5	138.6
75°	123.2	122.1	120.1	118.0	119.1	116.0	112.9	111.9	111.9	109.8	109.8
77.5°	94.4	96.5	92.4	91.3	89.3	87.2	86.2	85.2	85.2	85.2	87.2
80°	65.7	66.7	66.7	64.7	65.7	62.6	62.6	62.6	59.5	60.6	61.6
82.5°	42.1	42.1	41.1	42.1	41.1	41.1	40.0	40.0	39.0	39.0	40.0
85°	23.6	22.6	21.6	23.6	22.6	22.6	21.6	21.6	21.6	21.6	21.6
87.5°	5.1	6.2	6.2	6.2	6.2	7.2	7.2	7.2	8.2	8.2	8.2
90°	18.3	17.1	18.3	18.9	19.4	18.9	15.4	11.4	8.6	7.8	6.9
92.5°	42.9	49.1	57.7	73.7	88.0	86.8	67.4	45.7	30.3	27.2	24.0
95°	90.8	114.8	149.7	196.0	224.0	198.3	132.0	82.3	56.0	49.2	42.3
97.5°	186.8	244.5	306.3	368.0	365.1	282.3	175.4	106.3	72.6	64.8	57.1
100°	372.5	450.8	521.7	533.7	451.4	310.8	187.4	117.7	87.4	79.4	71.4
102.5°	608.5	660.5	662.8	595.4	454.2	300.0	188.0	128.0	100.6	92.6	84.6
105°	766.2	758.8	694.2	575.4	423.4	285.1	190.8	140.0	113.1	105.1	97.1
107.5°	812.5	756.5	660.5	533.1	394.8	277.1	197.1	152.0	125.7	117.7	109.7
110°	789.6	716.5	614.2	493.7	375.4	274.8	205.1	164.0	138.8	130.6	122.3

TEST NUMBER: P998818

CATALOG NUMBER: SA2XXDIP-B675D530UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	748.5	669.1	571.9	466.2	362.8	275.4	213.7	175.4	151.4	142.9	134.3
115°	701.6	626.8	538.8	444.5	354.2	277.7	222.3	187.4	162.8	155.1	147.4
117.5°	659.9	590.2	511.4	429.7	349.7	281.1	231.4	198.3	175.4	167.4	159.4
120°	623.4	562.8	491.9	418.2	345.7	284.5	240.5	209.7	187.4	179.4	171.4
122.5°	596.5	539.9	476.5	408.5	343.4	288.5	248.5	220.5	200.0	191.7	183.4
125°	570.8	520.5	461.7	399.4	340.5	292.5	257.1	231.4	210.8	202.8	194.8
127.5°	549.1	501.1	446.8	390.8	338.8	296.5	265.1	241.7	221.7	213.4	205.1
130°	526.8	481.7	432.5	382.2	337.7	301.1	272.5	250.8	230.8	222.8	214.8
132.5°	503.9	463.4	418.8	375.4	337.1	305.7	280.0	258.8	240.0	232.0	224.0
135°	481.7	444.0	406.2	369.1	336.5	309.1	286.3	266.3	248.0	240.0	232.0
137.5°	459.4	428.5	396.0	364.5	336.5	312.5	291.4	272.5	254.3	246.8	239.4
140°	440.0	413.7	386.2	360.5	336.0	314.8	295.4	277.7	260.5	253.1	245.7
142.5°	422.2	400.5	378.2	356.5	336.0	316.5	298.8	281.7	265.1	258.2	251.4
145°	407.4	389.7	370.8	353.1	334.8	317.7	301.7	285.7	270.3	264.0	257.7
147.5°	394.8	380.5	365.1	349.7	333.1	318.3	303.4	289.1	274.3	268.6	262.8
150°	383.4	371.4	358.8	345.1	331.4	317.7	304.5	291.4	278.3	273.2	268.0
152.5°	373.7	364.0	352.5	341.1	328.5	316.5	305.1	293.7	282.3	277.7	273.1
155°	364.5	356.0	346.8	336.0	325.1	315.4	305.7	296.0	286.3	282.0	277.7
157.5°	355.4	348.0	340.0	331.4	321.7	313.1	305.7	297.7	289.1	285.4	281.7
160°	346.2	340.0	333.7	326.3	318.3	311.4	305.7	298.8	292.0	288.8	285.7
162.5°	337.7	332.5	327.4	321.7	315.4	309.7	305.1	299.4	293.7	291.4	289.1
165°	329.1	325.1	321.1	316.5	311.4	307.4	304.0	300.0	294.8	293.1	291.4
167.5°	321.1	318.3	314.8	311.4	308.0	305.1	303.4	300.0	296.0	294.8	293.7
170°	314.3	312.0	310.3	307.4	305.1	303.4	302.3	299.4	296.5	295.6	294.8
172.5°	308.0	306.3	305.1	303.4	301.7	301.1	300.5	298.8	297.1	296.6	296.0
175°	302.8	302.3	301.7	300.0	299.4	298.8	299.4	298.3	297.1	296.8	296.5
177.5°	299.4	298.8	298.8	297.7	297.1	297.7	298.8	297.7	297.1	297.1	297.1
180°	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1

TEST NUMBER: P998818

CATALOG NUMBER: SA2XXDIP-B675D530UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1335.3	1335.3	1335.3	1335.3
2.5°	1310.6	1310.6	1326.0	1342.4
5°	1281.9	1289.1	1313.7	1336.3
7.5°	1254.2	1266.5	1297.3	1326.0
10°	1220.3	1236.7	1274.7	1308.6
12.5°	1187.5	1202.9	1247.0	1285.0
15°	1141.3	1160.8	1208.0	1255.2
17.5°	1095.1	1114.6	1172.1	1227.5
20°	1040.7	1066.4	1131.0	1204.9
22.5°	990.4	1022.2	1094.1	1153.6
25°	935.0	984.3	1051.0	1127.9
27.5°	885.7	935.0	1002.7	1080.7
30°	830.3	880.6	950.4	1022.2
32.5°	776.9	823.1	890.9	979.1
35°	721.5	765.6	831.3	920.6
37.5°	671.2	714.3	786.2	868.3
40°	622.0	667.1	728.7	810.8
42.5°	575.8	615.8	671.2	753.3
45°	533.7	562.4	613.7	690.7
47.5°	489.6	515.2	562.4	639.4
50°	448.5	470.1	511.1	583.0
52.5°	408.5	427.0	464.9	522.4
55°	372.6	390.0	417.7	474.2
57.5°	335.6	349.0	375.6	420.8
60°	299.7	312.0	333.6	370.5
62.5°	263.8	274.0	294.6	324.3
65°	232.0	240.2	255.6	281.2
67.5°	201.2	206.3	218.6	239.1
70°	171.4	175.5	185.8	202.2
72.5°	139.6	143.7	155.0	166.3
75°	112.9	113.9	122.1	131.4
77.5°	88.3	87.2	93.4	100.6
80°	60.6	63.6	68.8	71.8
82.5°	41.1	42.1	44.1	46.2
85°	22.6	23.6	23.6	26.7
87.5°	9.2	10.3	10.3	11.3
90°	5.7	4.6	2.3	0.6
92.5°	19.4	16.6	12.0	8.6
95°	33.1	28.0	22.3	20.0
97.5°	46.9	39.4	33.1	29.7
100°	60.0	50.9	45.7	44.0
102.5°	72.6	63.4	58.3	57.1
105°	84.6	76.0	72.0	69.7
107.5°	97.1	89.1	85.1	83.4
110°	110.3	102.8	99.4	97.1

TEST NUMBER: P998818

CATALOG NUMBER: SA2XXDIP-B675D530UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	122.8	116.0	112.0	109.7
115°	136.0	129.1	125.7	122.8
117.5°	148.6	142.3	138.8	136.6
120°	160.0	154.8	151.4	149.1
122.5°	172.0	166.3	162.8	161.1
125°	183.4	176.6	173.1	171.4
127.5°	194.3	186.8	182.3	180.0
130°	203.4	195.4	189.7	187.4
132.5°	212.0	203.4	197.1	194.3
135°	218.8	210.3	203.4	201.1
137.5°	226.3	217.1	210.3	207.4
140°	233.1	224.0	217.1	214.8
142.5°	239.4	230.3	224.0	222.3
145°	246.3	237.7	232.0	229.7
147.5°	253.1	245.1	239.4	237.7
150°	259.4	252.0	247.4	245.7
152.5°	265.1	258.8	254.3	253.7
155°	271.4	265.1	261.7	261.1
157.5°	276.5	270.8	268.0	267.4
160°	281.1	276.5	274.3	273.7
162.5°	285.1	281.7	279.4	280.0
165°	288.5	285.1	284.0	284.5
167.5°	291.4	289.1	288.0	288.5
170°	293.7	292.0	291.4	292.5
172.5°	295.4	293.7	294.3	294.8
175°	296.5	295.4	296.0	296.5
177.5°	297.1	296.0	296.5	297.7
180°	297.1	297.1	297.1	297.1

TEST NUMBER: P998818

CATALOG NUMBER: SA2XXDIP-B675D530UB30-4F0-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	17.22	18.13	18.11	19.03	20.17	14.72	15.62	15.60	16.52	17.67
	3H	18.04	18.85	18.94	19.76	20.93	16.07	16.88	16.96	17.79	18.95
	4H	18.21	18.97	19.12	19.89	21.07	16.53	17.29	17.44	18.21	19.39
	6H	18.26	18.96	19.18	19.88	21.08	16.84	17.54	17.76	18.47	19.66
	8H	18.24	18.91	19.17	19.85	21.04	16.92	17.59	17.86	18.53	19.72
	12H	18.20	18.84	19.14	19.77	20.99	16.97	17.60	17.91	18.54	19.75
4H	2H	17.27	18.04	18.19	18.95	20.13	15.17	15.93	16.09	16.85	18.03
	3H	18.26	18.89	19.18	19.84	21.03	16.63	17.27	17.56	18.22	19.41
	4H	18.53	19.11	19.47	20.06	21.27	17.17	17.75	18.11	18.69	19.91
	6H	18.67	19.17	19.62	20.13	21.35	17.55	18.05	18.50	19.02	20.23
	8H	18.67	19.13	19.62	20.09	21.32	17.66	18.13	18.62	19.09	20.32
	12H	18.63	19.05	19.61	20.03	21.27	17.72	18.14	18.69	19.12	20.35
8H	4H	18.55	19.01	19.50	19.97	21.20	17.32	17.78	18.27	18.74	19.97
	6H	18.73	19.11	19.71	20.11	21.34	17.75	18.14	18.73	19.14	20.37
	8H	18.76	19.10	19.75	20.09	21.34	17.90	18.24	18.89	19.23	20.48
	12H	18.74	19.04	19.74	20.03	21.32	18.00	18.29	18.99	19.28	20.57
12H	4H	18.51	18.92	19.48	19.90	21.14	17.29	17.71	18.26	18.69	19.92
	6H	18.71	19.04	19.69	20.04	21.28	17.75	18.09	18.74	19.08	20.33
	8H	18.74	19.04	19.73	20.02	21.32	17.91	18.21	18.90	19.19	20.49