

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: P998947

Luminaire Tested: SA2XXDIP-B675D925UB35-4F0-XX-W2A-A4

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P998947
REPORT IS A COMBINATION OF REPORTS P984693 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXDIP-B675D925UB35-4F0-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

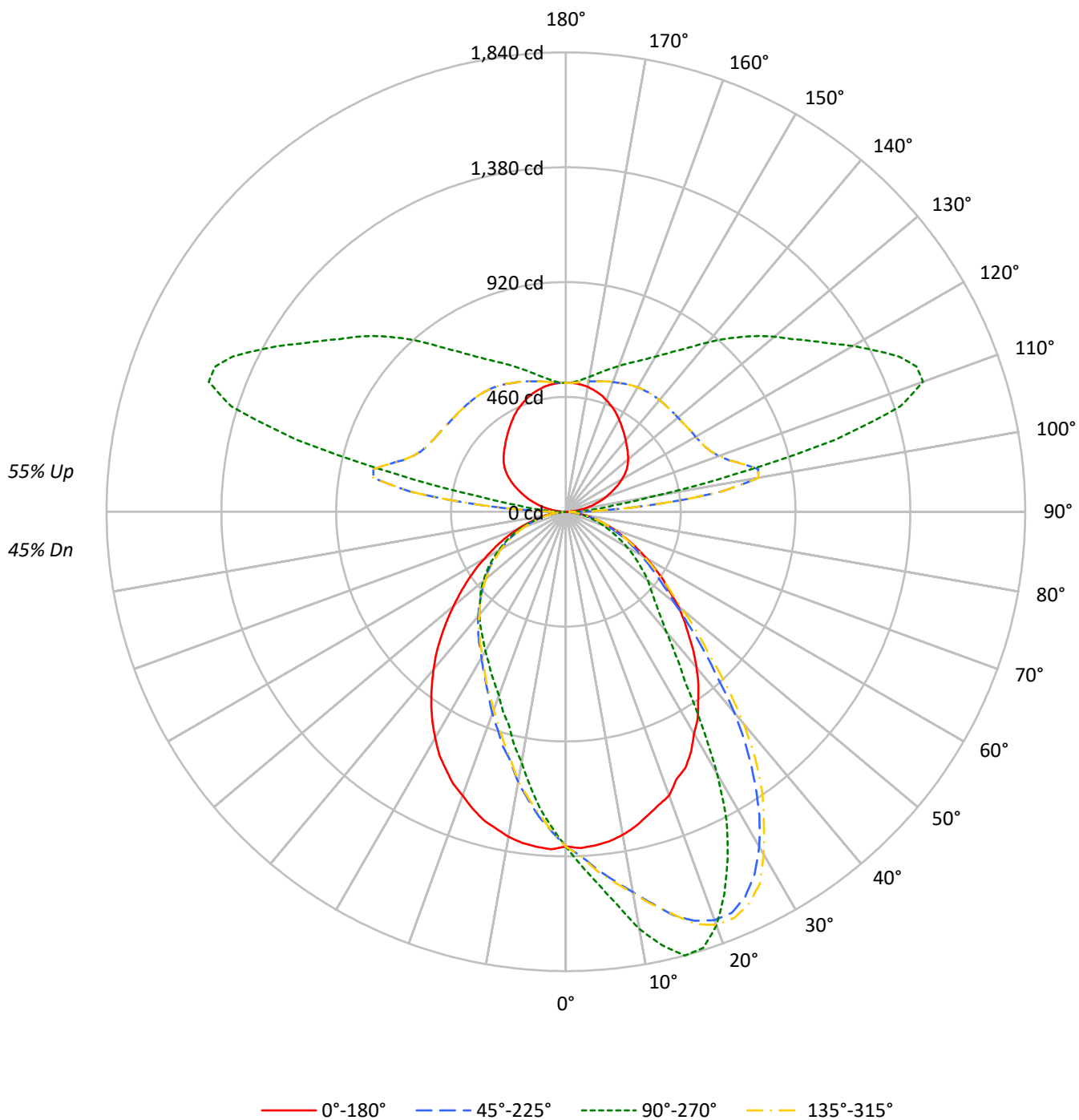
Lumens per Lamp: N/A
Luminaire Lumens: 6555.0 lumens
Efficiency: N/A
Efficacy: 101.8 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 64.4
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	106	106	106	106	97	97	97	97	81	81	81	66	66	66	52	52	52	45	45	45
1	97	93	89	86	89	85	82	79	71	69	67	58	57	55	46	45	44	39	39	39
2	89	82	76	71	81	75	70	66	63	59	56	52	49	47	41	40	38	33	33	33
3	81	72	65	60	74	67	60	56	56	51	48	46	43	40	37	35	33	29	29	29
4	75	64	57	51	68	59	53	47	50	45	41	41	38	35	33	31	29	25	25	25
5	69	57	50	44	63	53	46	41	45	40	36	37	33	30	30	28	25	22	22	22
6	63	52	44	38	58	48	41	36	41	35	31	34	30	27	28	25	23	20	20	20
7	59	47	39	34	54	43	36	32	37	32	28	31	27	24	25	22	20	18	18	18
8	54	42	35	30	50	39	33	28	34	29	25	28	24	21	23	20	18	16	16	16
9	51	39	32	27	47	36	30	25	31	26	22	26	22	19	22	19	17	14	14	14
10	47	36	29	24	44	33	27	23	29	24	20	24	20	18	20	17	15	13	13	13

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	21222	21222	21222	21222
5°	21273	22627	21355	18003
10°	21026	24702	21159	14843
15°	20516	26055	20801	12503
20°	20196	24464	20196	10867
25°	19552	21017	19642	9718
30°	18494	16522	18847	8802
35°	17556	11424	17848	8053
40°	16477	8626	16665	7457
45°	15146	7088	15395	6812
50°	13997	6221	14023	6237
55°	12686	5302	12769	5611
60°	11288	4428	11446	4896
65°	10039	3601	10220	4182
70°	8791	2825	9017	3372
75°	7379	2052	7669	2446
80°	5756	1299	6171	1451
85°	3786	654	4082	484

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 21938 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	127.7	1.9
10°-20°	371.7	5.7
20°-30°	539.4	8.2
30°-40°	568.7	8.7
40°-50°	503.2	7.7
50°-60°	401.8	6.1
60°-70°	272.9	4.2
70°-80°	139.6	2.1
80°-90°	36.3	0.6
90°-100°	201.2	3.1
100°-110°	708.4	10.8
110°-120°	744.0	11.4
120°-130°	612.1	9.3
130°-140°	491.7	7.5
140°-150°	371.4	5.7
150°-160°	261.1	4.0
160°-170°	153.7	2.3
170°-180°	50.0	0.8
0°-30°	1038.8	15.8
0°-40°	1607.5	24.5
0°-60°	2512.4	38.3
0°-90°	2961.3	45.2
90°-120°	1653.6	25.2
90°-150°	3128.9	47.7
90°-180°	3594.0	54.8
0°-180°	6555.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1341	1341	1341	1341	1341	
5°	1342	1497	1347	1191	1342	127
15°	1260	1840	1278	883	1260	356
25°	1132	1533	1138	709	1132	518
35°	924	835	940	588	924	578
45°	694	503	705	483	694	538
55°	476	354	479	374	476	425
65°	282	217	288	252	282	281
75°	132	107	137	128	132	142
85°	27	28	29	21	27	31
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	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7
2.5°	1347.9	1351.0	1356.2	1357.2	1367.5	1375.7	1385.0	1385.0	1388.1	1387.1	1378.8
5°	1341.7	1351.0	1364.4	1375.7	1394.3	1402.5	1414.9	1424.2	1432.4	1438.6	1437.6
7.5°	1331.4	1347.9	1367.5	1389.1	1413.9	1428.3	1445.8	1462.3	1473.6	1483.9	1491.2
10°	1313.9	1341.7	1368.5	1397.4	1429.3	1448.9	1469.5	1491.2	1508.7	1528.3	1546.8
12.5°	1290.2	1330.4	1363.4	1401.5	1440.7	1462.3	1495.3	1511.8	1545.8	1595.2	1608.6
15°	1260.3	1314.9	1345.9	1394.3	1445.8	1463.3	1508.7	1535.5	1605.5	1636.5	1673.6
17.5°	1232.5	1293.3	1334.5	1390.2	1440.7	1474.7	1519.0	1573.6	1632.3	1676.7	1717.9
20°	1209.8	1268.6	1318.0	1379.9	1443.8	1487.0	1533.4	1599.4	1663.3	1708.6	1740.5
22.5°	1158.3	1233.5	1291.2	1360.3	1437.6	1497.3	1541.7	1613.8	1682.8	1710.7	1738.5
25°	1132.5	1197.5	1264.4	1342.8	1433.4	1504.6	1542.7	1623.1	1683.9	1694.2	1700.4
27.5°	1085.1	1158.3	1236.6	1326.3	1432.4	1492.2	1540.6	1613.8	1662.2	1655.0	1636.5
30°	1026.4	1116.1	1202.6	1299.5	1418.0	1482.9	1528.3	1595.2	1620.0	1582.9	1549.9
32.5°	983.1	1067.6	1163.5	1275.8	1401.5	1463.3	1507.6	1560.2	1565.4	1498.4	1442.7
35°	924.4	1018.2	1126.4	1244.9	1373.7	1429.3	1470.5	1502.5	1477.8	1384.0	1318.0
37.5°	871.8	964.6	1080.0	1200.6	1335.6	1390.2	1423.1	1428.3	1367.5	1285.1	1188.2
40°	814.1	909.9	1030.5	1157.3	1293.3	1340.7	1361.3	1345.9	1258.3	1162.4	1050.1
42.5°	756.4	851.2	981.1	1110.9	1239.7	1279.9	1288.1	1245.9	1138.7	1026.4	896.6
45°	693.5	792.5	922.3	1053.2	1177.9	1200.6	1201.6	1140.8	1014.0	896.6	776.0
47.5°	642.0	733.7	862.5	993.4	1098.5	1114.0	1107.8	1037.7	899.6	767.7	662.6
50°	585.3	672.9	800.7	929.5	1019.2	1023.3	1007.8	907.9	772.9	652.3	568.8
52.5°	524.5	613.2	730.6	854.3	934.7	928.5	898.6	791.4	664.7	564.7	500.8
55°	476.1	554.4	664.7	785.3	841.9	824.4	791.4	682.2	582.2	497.7	442.1
57.5°	422.5	491.6	599.8	704.9	737.9	721.4	688.4	586.4	493.6	429.7	392.6
60°	372.0	434.9	529.7	617.3	643.0	625.5	587.4	495.7	428.7	375.1	347.3
62.5°	325.6	380.3	459.6	540.0	550.3	532.8	499.8	425.6	367.9	325.6	305.0
65°	282.4	333.9	397.8	458.6	467.9	449.3	415.3	361.7	313.3	286.5	266.9
67.5°	240.1	281.3	338.0	382.3	387.5	370.0	342.1	298.9	269.0	240.1	225.7
70°	203.0	233.9	278.2	314.3	316.4	299.9	285.5	246.3	223.6	203.0	191.7
72.5°	166.9	188.6	222.6	249.4	250.4	240.1	226.7	202.0	182.4	168.0	156.6
75°	131.9	150.5	171.1	194.8	193.7	185.5	175.2	159.7	143.2	134.0	128.8
77.5°	101.0	112.3	128.8	144.3	144.3	140.2	134.0	122.6	112.3	103.1	97.9
80°	72.1	79.3	92.7	97.9	100.0	98.9	93.8	85.5	81.4	74.2	72.1
82.5°	46.4	51.5	57.7	62.9	66.0	63.9	62.9	58.7	52.6	50.5	48.4
85°	26.8	28.9	31.9	35.0	36.1	35.0	37.1	34.0	30.9	30.9	29.9
87.5°	11.3	12.4	14.4	14.4	15.5	15.5	14.4	15.5	15.5	14.4	13.4
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

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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

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7
2.5°	1393.3	1394.3	1396.4	1406.7	1411.8	1412.8	1408.7	1418.0	1421.1	1418.0	1415.9
5°	1459.2	1465.4	1477.8	1491.2	1490.1	1491.2	1497.3	1503.5	1505.6	1497.3	1500.4
7.5°	1516.9	1529.3	1542.7	1563.3	1563.3	1573.6	1577.7	1582.9	1595.2	1589.1	1587.0
10°	1582.9	1599.4	1624.1	1657.1	1658.1	1668.4	1678.7	1695.2	1700.4	1696.2	1698.3
12.5°	1665.3	1697.3	1699.3	1735.4	1751.9	1753.9	1770.4	1767.3	1777.6	1777.6	1795.2
15°	1701.4	1750.8	1778.7	1813.7	1824.0	1811.6	1825.0	1839.5	1840.5	1840.5	1839.5
17.5°	1766.3	1785.9	1813.7	1832.3	1836.4	1836.4	1837.4	1843.6	1839.5	1831.2	1837.4
20°	1779.7	1787.9	1798.3	1796.2	1798.3	1787.9	1777.6	1767.3	1768.4	1763.2	1778.7
22.5°	1755.0	1752.9	1729.2	1713.8	1713.8	1693.1	1673.6	1664.3	1655.0	1658.1	1663.3
25°	1693.1	1661.2	1632.3	1609.7	1604.5	1571.5	1544.7	1536.5	1521.0	1533.4	1535.5
27.5°	1594.2	1558.1	1511.8	1492.2	1465.4	1452.0	1433.4	1408.7	1376.8	1395.3	1392.2
30°	1488.1	1434.5	1396.4	1348.9	1306.7	1303.6	1268.6	1227.3	1210.9	1210.9	1220.1
32.5°	1369.6	1298.5	1242.8	1175.8	1134.6	1117.1	1074.8	1033.6	1042.9	1012.0	1023.3
35°	1231.5	1137.7	1067.6	1002.7	971.8	951.2	896.6	873.9	849.1	834.7	861.5
37.5°	1099.6	991.4	901.7	830.6	819.3	782.2	745.1	730.6	716.2	722.4	721.4
40°	938.8	843.0	762.6	706.9	687.4	669.8	645.1	627.6	618.3	623.5	624.5
42.5°	793.5	713.1	653.3	614.2	597.7	585.3	573.0	558.5	555.4	555.4	559.6
45°	681.2	615.2	575.0	543.1	533.8	524.5	515.3	509.1	507.0	502.9	506.0
47.5°	591.5	539.0	514.2	490.5	480.2	478.2	469.9	466.8	462.7	461.7	462.7
50°	516.3	483.3	460.6	447.2	440.0	436.9	432.8	426.6	424.6	429.7	427.7
52.5°	463.7	432.8	420.5	407.1	402.9	398.8	392.6	393.7	392.6	390.6	390.6
55°	411.2	391.6	379.2	368.9	367.9	363.8	358.6	356.6	355.5	353.5	356.6
57.5°	368.9	353.5	342.1	332.9	328.7	328.7	323.6	319.5	319.5	318.4	319.5
60°	326.7	311.2	304.0	294.7	291.6	290.6	287.5	285.5	282.4	282.4	282.4
62.5°	287.5	275.1	266.9	258.7	259.7	254.5	250.4	248.4	248.4	249.4	249.4
65°	250.4	242.2	231.9	224.7	222.6	221.6	219.5	218.5	215.4	217.4	217.4
67.5°	216.4	205.1	198.9	195.8	192.7	191.7	189.6	187.6	186.5	185.5	187.6
70°	182.4	173.1	168.0	165.9	162.8	161.8	160.8	157.7	158.7	159.7	160.8
72.5°	151.5	143.2	142.2	136.0	136.0	136.0	131.9	134.0	132.9	130.9	132.9
75°	119.5	115.4	113.4	110.3	111.3	110.3	109.2	106.1	106.1	107.2	108.2
77.5°	94.8	90.7	89.7	86.6	84.5	86.6	84.5	83.5	83.5	84.5	84.5
80°	70.1	68.0	64.9	64.9	64.9	63.9	63.9	63.9	62.9	61.8	62.9
82.5°	46.4	46.4	45.3	44.3	45.3	43.3	44.3	44.3	44.3	44.3	44.3
85°	29.9	28.9	28.9	27.8	27.8	27.8	28.9	26.8	26.8	27.8	27.8
87.5°	13.4	13.4	13.4	14.4	13.4	13.4	13.4	14.4	13.4	13.4	13.4
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: P998947

CATALOG NUMBER: SA2XXDIP-B675D925UB35-4F0-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: P998947

CATALOG NUMBER: SA2XXDIP-B675D925UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7
2.5°	1421.1	1413.9	1407.7	1408.7	1413.9	1409.7	1399.4	1386.0	1380.9	1374.7	1380.9
5°	1506.6	1500.4	1488.1	1489.1	1486.0	1481.9	1465.4	1444.8	1444.8	1428.3	1426.2
7.5°	1591.1	1581.8	1573.6	1571.5	1560.2	1552.0	1537.5	1508.7	1497.3	1477.8	1466.4
10°	1685.9	1678.7	1669.4	1658.1	1651.9	1637.5	1613.8	1571.5	1550.9	1524.1	1504.6
12.5°	1781.8	1780.7	1760.1	1737.5	1736.4	1713.8	1697.3	1640.6	1612.8	1576.7	1530.3
15°	1842.6	1837.4	1826.1	1814.7	1817.8	1793.1	1756.0	1689.0	1670.5	1627.2	1577.7
17.5°	1841.5	1841.5	1838.4	1836.4	1833.3	1826.1	1805.5	1761.2	1731.3	1676.7	1630.3
20°	1782.8	1796.2	1799.3	1798.3	1808.6	1813.7	1812.7	1784.9	1761.2	1712.7	1665.3
22.5°	1665.3	1696.2	1709.6	1717.9	1739.5	1750.8	1777.6	1767.3	1761.2	1725.1	1684.9
25°	1556.1	1566.4	1606.6	1608.6	1638.5	1666.3	1693.1	1710.7	1733.3	1719.9	1685.9
27.5°	1414.9	1438.6	1467.5	1489.1	1495.3	1552.0	1596.3	1629.2	1680.8	1684.9	1673.6
30°	1255.2	1266.5	1313.9	1342.8	1375.7	1417.0	1480.9	1537.5	1583.9	1626.2	1640.6
32.5°	1060.4	1106.8	1134.6	1169.6	1198.5	1271.7	1350.0	1423.1	1476.7	1547.8	1578.8
35°	882.1	918.2	965.6	980.0	1032.6	1094.4	1196.4	1290.2	1371.6	1443.8	1506.6
37.5°	734.8	763.6	814.1	836.8	867.7	947.0	1032.6	1149.0	1246.9	1335.6	1413.9
40°	633.8	655.4	693.5	700.8	726.5	798.7	867.7	976.9	1106.8	1226.3	1311.8
42.5°	564.7	575.0	600.8	610.1	626.6	675.0	736.8	839.9	960.4	1084.1	1204.7
45°	515.3	522.5	537.9	546.2	566.8	588.4	638.9	721.4	816.2	940.9	1070.7
47.5°	470.9	480.2	486.4	491.6	502.9	526.6	559.6	620.4	711.1	825.4	951.2
50°	433.8	436.9	448.3	449.3	456.5	472.0	502.9	540.0	612.1	704.9	826.5
52.5°	396.7	399.8	407.1	414.3	417.4	429.7	450.3	481.3	534.8	608.0	716.2
55°	359.7	363.8	371.0	376.1	379.2	389.5	401.9	431.8	474.0	525.6	614.2
57.5°	322.6	331.8	333.9	337.0	342.1	353.5	364.8	382.3	415.3	462.7	527.6
60°	287.5	290.6	297.8	300.9	306.1	312.2	326.7	340.1	363.8	400.9	459.6
62.5°	251.4	258.7	261.8	264.8	269.0	276.2	285.5	299.9	320.5	350.4	396.7
65°	220.5	221.6	227.7	231.9	236.0	241.1	250.4	263.8	276.2	304.0	338.0
67.5°	190.6	192.7	194.8	198.9	204.0	209.2	217.4	224.7	240.1	258.7	285.5
70°	161.8	161.8	166.9	170.0	169.0	175.2	181.4	189.6	201.0	218.5	240.1
72.5°	136.0	135.0	139.1	140.2	142.2	146.3	150.5	158.7	164.9	178.3	194.8
75°	108.2	110.3	112.3	112.3	115.4	118.5	122.6	126.8	134.0	142.2	154.6
77.5°	85.5	85.5	87.6	88.6	91.7	90.7	94.8	98.9	104.1	111.3	120.6
80°	62.9	64.9	64.9	64.9	66.0	67.0	71.1	74.2	77.3	82.4	86.6
82.5°	44.3	44.3	46.4	46.4	46.4	48.4	48.4	49.5	51.5	54.6	57.7
85°	27.8	27.8	27.8	28.9	27.8	28.9	30.9	29.9	30.9	33.0	33.0
87.5°	13.4	13.4	13.4	13.4	13.4	14.4	13.4	14.4	15.5	15.5	15.5
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: P998947

CATALOG NUMBER: SA2XXDIP-B675D925UB35-4F0-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: P998947

CATALOG NUMBER: SA2XXDIP-B675D925UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7
2.5°	1375.7	1370.6	1367.5	1369.6	1363.4	1347.9	1347.9	1353.1	1346.9	1340.7	1331.4
5°	1413.9	1403.6	1397.4	1396.4	1381.9	1357.2	1352.0	1346.9	1333.5	1319.1	1303.6
7.5°	1451.0	1432.4	1422.1	1414.9	1394.3	1362.3	1348.9	1337.6	1316.0	1294.3	1274.8
10°	1481.9	1455.1	1442.7	1431.4	1404.6	1364.4	1342.8	1322.2	1294.3	1266.5	1241.8
12.5°	1506.6	1475.7	1460.2	1443.8	1410.8	1358.2	1331.4	1298.5	1270.6	1233.5	1208.8
15°	1547.8	1483.9	1469.5	1454.1	1420.1	1347.9	1314.9	1277.8	1239.7	1190.2	1163.5
17.5°	1580.8	1495.3	1494.3	1461.3	1417.0	1343.8	1293.3	1244.9	1203.6	1154.2	1111.9
20°	1600.4	1512.8	1496.3	1462.3	1406.7	1316.0	1263.4	1209.8	1165.5	1105.7	1063.5
22.5°	1616.9	1537.5	1494.3	1453.0	1385.0	1306.7	1229.4	1178.9	1118.1	1053.2	1013.0
25°	1623.1	1542.7	1497.3	1449.9	1369.6	1279.9	1192.3	1137.7	1069.7	1010.9	956.3
27.5°	1624.1	1541.7	1486.0	1436.5	1347.9	1244.9	1155.2	1097.5	1022.3	954.3	899.6
30°	1613.8	1530.3	1479.8	1426.2	1327.3	1212.9	1109.9	1046.0	965.6	897.6	840.9
32.5°	1582.9	1507.6	1466.4	1407.7	1300.5	1168.6	1066.6	995.5	911.0	844.0	789.4
35°	1531.3	1479.8	1434.5	1379.9	1265.5	1127.4	1023.3	939.8	854.3	790.4	738.9
37.5°	1467.5	1439.6	1397.4	1343.8	1225.3	1090.3	974.9	882.1	796.6	734.8	684.3
40°	1380.9	1388.1	1346.9	1298.5	1177.9	1039.8	912.0	823.4	743.0	685.3	635.8
42.5°	1287.1	1317.0	1293.3	1246.9	1125.3	984.1	865.6	767.7	689.4	629.6	588.4
45°	1186.1	1237.7	1223.2	1189.2	1070.7	925.4	799.7	704.9	635.8	578.1	542.1
47.5°	1075.9	1149.0	1149.0	1124.3	1009.9	866.7	743.0	646.1	578.1	536.9	501.9
50°	963.5	1046.0	1059.4	1042.9	941.9	799.7	674.0	586.4	527.6	487.4	461.7
52.5°	846.1	941.9	966.6	958.4	869.8	735.8	617.3	531.7	478.2	443.1	420.5
55°	733.7	845.0	871.8	874.9	792.5	665.7	554.4	479.2	427.7	404.0	384.4
57.5°	627.6	734.8	764.6	769.8	714.1	601.8	495.7	429.7	383.4	363.8	348.3
60°	536.9	626.6	665.7	677.1	628.6	527.6	441.1	377.2	342.1	323.6	309.2
62.5°	462.7	534.8	576.1	579.2	557.5	462.7	384.4	330.8	300.9	284.4	277.2
65°	390.6	455.5	480.2	492.6	475.1	400.9	331.8	287.5	263.8	249.4	242.2
67.5°	332.9	374.1	394.7	411.2	393.7	338.0	282.4	246.3	228.8	214.3	210.2
70°	273.1	307.1	322.6	339.0	323.6	281.3	241.1	208.2	192.7	181.4	176.2
72.5°	218.5	245.3	259.7	270.0	260.7	225.7	192.7	170.0	158.7	150.5	147.4
75°	173.1	191.7	199.9	207.1	203.0	176.2	155.6	137.1	126.8	119.5	117.5
77.5°	131.9	145.3	154.6	156.6	151.5	134.0	116.4	105.1	96.9	92.7	90.7
80°	93.8	102.0	107.2	110.3	105.1	97.9	85.5	77.3	70.1	64.9	63.9
82.5°	62.9	67.0	71.1	70.1	68.0	61.8	54.6	50.5	47.4	43.3	43.3
85°	36.1	37.1	39.2	40.2	39.2	35.0	30.9	28.9	26.8	23.7	23.7
87.5°	15.5	16.5	16.5	17.5	15.5	15.5	13.4	11.3	11.3	10.3	9.3
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: P998947

CATALOG NUMBER: SA2XXDIP-B675D925UB35-4F0-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: P998947

CATALOG NUMBER: SA2XXDIP-B675D925UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7
2.5°	1326.3	1331.4	1330.4	1320.1	1308.8	1299.5	1282.0	1284.0	1277.8	1278.9	1285.1
5°	1293.3	1293.3	1289.2	1274.8	1256.2	1245.9	1226.3	1221.2	1208.8	1207.8	1206.7
7.5°	1258.3	1253.1	1248.0	1227.3	1204.7	1188.2	1161.4	1155.2	1142.8	1134.6	1130.5
10°	1217.0	1209.8	1199.5	1175.8	1148.0	1127.4	1099.6	1091.3	1067.6	1057.3	1051.1
12.5°	1171.7	1167.6	1151.1	1131.5	1086.2	1063.5	1023.3	1031.5	1007.8	987.2	984.1
15°	1126.4	1110.9	1101.6	1069.7	1015.1	1004.8	972.8	956.3	934.7	918.2	918.2
17.5°	1082.0	1058.3	1037.7	1003.7	963.5	934.7	911.0	902.7	875.9	859.5	856.4
20°	1023.3	996.5	991.4	942.9	915.1	883.2	860.5	839.9	820.3	813.1	807.9
22.5°	967.7	936.7	928.5	887.3	859.5	827.5	804.8	790.4	776.0	770.8	761.6
25°	907.9	889.3	877.0	832.7	801.7	771.9	756.4	746.1	732.7	731.7	725.5
27.5°	850.2	832.7	820.3	778.0	755.4	727.5	715.2	703.8	696.6	693.5	690.4
30°	800.7	781.1	766.7	735.8	708.0	685.3	675.0	667.8	663.7	658.5	657.5
32.5°	746.1	734.8	715.2	691.5	669.8	648.2	642.0	636.9	630.7	628.6	627.6
35°	699.7	684.3	671.9	645.1	635.8	617.3	610.1	605.9	597.7	595.6	593.6
37.5°	654.4	640.0	626.6	610.1	592.5	582.2	578.1	571.9	567.8	568.8	566.8
40°	609.0	597.7	587.4	569.9	559.6	554.4	546.2	540.0	537.9	539.0	537.9
42.5°	564.7	554.4	548.2	534.8	524.5	519.4	514.2	508.0	511.1	511.1	514.2
45°	524.5	515.3	511.1	500.8	494.6	486.4	481.3	480.2	484.3	483.3	483.3
47.5°	483.3	480.2	475.1	465.8	457.5	452.4	451.4	451.4	455.5	457.5	456.5
50°	451.4	445.2	439.0	431.8	425.6	423.5	420.5	422.5	426.6	426.6	428.7
52.5°	411.2	407.1	405.0	398.8	394.7	394.7	394.7	395.7	398.8	401.9	400.9
55°	376.1	373.0	371.0	367.9	362.7	363.8	362.7	364.8	367.9	371.0	373.0
57.5°	339.0	338.0	335.9	330.8	330.8	329.8	332.9	333.9	339.0	341.1	344.2
60°	306.1	303.0	303.0	298.9	298.9	298.9	301.9	305.0	309.2	310.2	312.2
62.5°	271.0	271.0	270.0	266.9	266.9	270.0	271.0	275.1	277.2	277.2	280.3
65°	238.0	237.0	236.0	237.0	238.0	238.0	241.1	243.2	245.3	246.3	247.3
67.5°	205.1	204.0	206.1	205.1	207.1	211.3	210.2	213.3	216.4	216.4	217.4
70°	174.2	176.2	175.2	177.2	176.2	178.3	181.4	182.4	182.4	183.4	186.5
72.5°	145.3	145.3	145.3	144.3	145.3	147.4	149.4	150.5	152.5	153.5	156.6
75°	117.5	117.5	115.4	117.5	117.5	119.5	121.6	121.6	121.6	123.7	126.8
77.5°	88.6	89.7	88.6	90.7	90.7	91.7	93.8	92.7	94.8	95.8	96.9
80°	64.9	63.9	63.9	63.9	64.9	64.9	67.0	68.0	68.0	71.1	69.0
82.5°	41.2	42.3	41.2	42.3	42.3	43.3	42.3	43.3	44.3	46.4	45.3
85°	23.7	22.7	22.7	23.7	22.7	22.7	23.7	22.7	23.7	22.7	23.7
87.5°	9.3	8.2	8.2	8.2	8.2	7.2	7.2	6.2	6.2	6.2	5.2
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: P998947

CATALOG NUMBER: SA2XXDIP-B675D925UB35-4F0-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: P998947

CATALOG NUMBER: SA2XXDIP-B675D925UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7
2.5°	1277.8	1280.9	1273.7	1271.7	1273.7	1266.5	1268.6	1270.6	1270.6	1273.7	1275.8
5°	1203.6	1199.5	1192.3	1190.2	1188.2	1191.3	1189.2	1192.3	1193.3	1200.6	1201.6
7.5°	1130.5	1124.3	1118.1	1111.9	1109.9	1104.7	1109.9	1109.9	1117.1	1115.0	1120.2
10°	1043.9	1042.9	1034.6	1031.5	1027.4	1019.2	1030.5	1027.4	1032.6	1041.9	1043.9
12.5°	980.0	968.7	973.8	959.4	964.6	956.3	957.4	957.4	965.6	966.6	964.6
15°	919.2	909.9	896.6	890.4	887.3	883.2	896.6	897.6	891.4	905.8	900.7
17.5°	857.4	857.4	845.0	841.9	833.7	837.8	835.7	836.8	834.7	845.0	850.2
20°	803.8	798.7	794.5	795.6	785.3	783.2	781.1	783.2	790.4	797.6	799.7
22.5°	760.5	757.4	747.1	749.2	740.9	744.0	742.0	747.1	748.2	748.2	755.4
25°	719.3	715.2	716.2	712.1	709.0	709.0	705.9	709.0	713.1	715.2	716.2
27.5°	688.4	685.3	680.1	677.1	679.1	674.0	678.1	681.2	681.2	679.1	681.2
30°	651.3	653.3	653.3	643.0	647.2	645.1	648.2	650.3	650.3	651.3	649.2
32.5°	626.6	620.4	619.3	618.3	618.3	614.2	614.2	617.3	618.3	619.3	622.4
35°	593.6	593.6	588.4	591.5	587.4	588.4	587.4	588.4	590.5	587.4	590.5
37.5°	563.7	564.7	562.7	564.7	565.8	563.7	561.6	565.8	563.7	563.7	561.6
40°	537.9	536.9	537.9	537.9	537.9	539.0	536.9	536.9	536.9	534.8	532.8
42.5°	516.3	510.1	512.2	513.2	510.1	510.1	511.1	510.1	513.2	507.0	507.0
45°	485.4	483.3	484.3	484.3	486.4	483.3	485.4	486.4	483.3	482.3	480.2
47.5°	457.5	459.6	457.5	459.6	459.6	461.7	457.5	458.6	459.6	455.5	452.4
50°	429.7	429.7	432.8	431.8	432.8	430.8	430.8	429.7	430.8	428.7	425.6
52.5°	404.0	400.9	406.0	405.0	404.0	402.9	401.9	402.9	400.9	398.8	398.8
55°	372.0	372.0	375.1	376.1	376.1	374.1	372.0	373.0	372.0	371.0	370.0
57.5°	346.3	342.1	344.2	345.2	345.2	342.1	344.2	342.1	342.1	343.2	340.1
60°	313.3	313.3	311.2	314.3	314.3	312.2	312.2	313.3	311.2	310.2	309.2
62.5°	278.2	279.3	282.4	283.4	284.4	282.4	280.3	281.3	281.3	278.2	279.3
65°	248.4	250.4	254.5	253.5	251.4	252.5	250.4	251.4	248.4	249.4	246.3
67.5°	219.5	218.5	219.5	219.5	221.6	220.5	218.5	218.5	217.4	220.5	217.4
70°	188.6	188.6	188.6	188.6	189.6	190.6	188.6	186.5	187.6	185.5	184.5
72.5°	156.6	157.7	156.6	158.7	155.6	157.7	157.7	156.6	155.6	155.6	155.6
75°	126.8	128.8	125.7	126.8	125.7	127.8	126.8	126.8	124.7	123.7	124.7
77.5°	96.9	97.9	95.8	96.9	95.8	96.9	96.9	95.8	95.8	95.8	95.8
80°	69.0	70.1	69.0	68.0	67.0	69.0	67.0	68.0	69.0	68.0	70.1
82.5°	44.3	44.3	43.3	44.3	42.3	42.3	43.3	43.3	42.3	44.3	42.3
85°	21.6	21.6	23.7	21.6	20.6	20.6	20.6	21.6	20.6	22.7	21.6
87.5°	5.2	4.1	5.2	5.2	4.1	4.1	5.2	4.1	5.2	6.2	4.1
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: P998947

CATALOG NUMBER: SA2XXDIP-B675D925UB35-4F0-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: P998947

CATALOG NUMBER: SA2XXDIP-B675D925UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7
2.5°	1272.7	1280.9	1277.8	1266.5	1279.9	1279.9	1289.2	1289.2	1300.5	1304.6	1310.8
5°	1200.6	1206.7	1211.9	1206.7	1216.0	1230.4	1238.7	1245.9	1261.4	1267.5	1276.8
7.5°	1123.3	1134.6	1139.8	1139.8	1155.2	1171.7	1188.2	1198.5	1220.1	1228.4	1237.7
10°	1048.0	1061.4	1071.7	1070.7	1096.5	1106.8	1127.4	1151.1	1172.7	1185.1	1198.5
12.5°	968.7	975.9	990.3	1010.9	1017.1	1035.7	1059.4	1089.3	1128.4	1139.8	1159.3
15°	902.7	922.3	933.6	942.9	957.4	974.9	1000.6	1029.5	1068.6	1093.4	1114.0
17.5°	847.1	872.8	880.1	878.0	896.6	923.3	953.2	974.9	1009.9	1039.8	1059.4
20°	801.7	812.0	824.4	829.6	844.0	872.8	901.7	926.4	955.3	979.0	1001.7
22.5°	756.4	764.6	774.9	784.2	795.6	812.0	839.9	870.8	898.6	921.3	947.0
25°	719.3	724.5	733.7	740.9	753.3	764.6	784.2	818.2	851.2	864.6	887.3
27.5°	683.2	687.4	693.5	701.8	708.0	719.3	736.8	764.6	798.7	812.0	843.0
30°	651.3	654.4	660.6	664.7	667.8	681.2	694.6	716.2	742.0	760.5	783.2
32.5°	621.4	624.5	630.7	631.7	635.8	643.0	655.4	675.0	697.7	713.1	732.7
35°	588.4	590.5	596.7	598.7	601.8	608.0	617.3	631.7	652.3	663.7	681.2
37.5°	562.7	561.6	565.8	568.8	573.0	576.1	579.2	593.6	609.0	619.3	632.7
40°	534.8	532.8	533.8	537.9	540.0	544.1	544.1	558.5	568.8	577.1	587.4
42.5°	507.0	506.0	503.9	506.0	508.0	509.1	510.1	520.4	530.7	537.9	549.3
45°	479.2	478.2	476.1	477.1	477.1	479.2	482.3	486.4	493.6	499.8	506.0
47.5°	453.4	451.4	448.3	447.2	449.3	449.3	449.3	453.4	460.6	462.7	468.9
50°	426.6	423.5	419.4	417.4	417.4	416.3	418.4	419.4	425.6	427.7	432.8
52.5°	397.8	395.7	391.6	387.5	388.5	386.4	387.5	388.5	390.6	393.7	396.7
55°	368.9	364.8	361.7	360.7	357.6	357.6	354.5	358.6	357.6	358.6	362.7
57.5°	341.1	337.0	331.8	329.8	326.7	325.6	323.6	322.6	323.6	326.7	329.8
60°	308.1	306.1	303.0	299.9	297.8	294.7	292.7	292.7	291.6	291.6	292.7
62.5°	276.2	275.1	271.0	270.0	267.9	265.9	262.8	260.7	260.7	262.8	263.8
65°	245.3	244.2	241.1	240.1	235.0	232.9	231.9	230.8	228.8	228.8	228.8
67.5°	216.4	213.3	213.3	208.2	204.0	202.0	199.9	198.9	198.9	198.9	199.9
70°	184.5	184.5	181.4	178.3	174.2	175.2	172.1	169.0	169.0	166.9	168.0
72.5°	153.5	152.5	149.4	148.4	145.3	142.2	140.2	142.2	139.1	138.1	139.1
75°	123.7	122.6	120.6	118.5	119.5	116.4	113.4	112.3	112.3	110.3	110.3
77.5°	94.8	96.9	92.7	91.7	89.7	87.6	86.6	85.5	85.5	85.5	87.6
80°	66.0	67.0	67.0	64.9	66.0	62.9	62.9	62.9	59.8	60.8	61.8
82.5°	42.3	42.3	41.2	42.3	41.2	41.2	40.2	40.2	39.2	39.2	40.2
85°	23.7	22.7	21.6	23.7	22.7	22.7	21.6	21.6	21.6	21.6	21.6
87.5°	5.2	6.2	6.2	6.2	6.2	7.2	7.2	7.2	8.2	8.2	8.2
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: P998947

CATALOG NUMBER: SA2XXDIP-B675D925UB35-4F0-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: P998947

CATALOG NUMBER: SA2XXDIP-B675D925UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1340.7	1340.7	1340.7	1340.7
2.5°	1316.0	1316.0	1331.4	1347.9
5°	1287.1	1294.3	1319.1	1341.7
7.5°	1259.3	1271.7	1302.6	1331.4
10°	1225.3	1241.8	1279.9	1313.9
12.5°	1192.3	1207.8	1252.1	1290.2
15°	1145.9	1165.5	1212.9	1260.3
17.5°	1099.6	1119.1	1176.9	1232.5
20°	1044.9	1070.7	1135.6	1209.8
22.5°	994.4	1026.4	1098.5	1158.3
25°	938.8	988.3	1055.3	1132.5
27.5°	889.3	938.8	1006.8	1085.1
30°	833.7	884.2	954.3	1026.4
32.5°	780.1	826.5	894.5	983.1
35°	724.5	768.8	834.7	924.4
37.5°	674.0	717.2	789.4	871.8
40°	624.5	669.8	731.7	814.1
42.5°	578.1	618.3	674.0	756.4
45°	535.9	564.7	616.2	693.5
47.5°	491.6	517.3	564.7	642.0
50°	450.3	472.0	513.2	585.3
52.5°	410.1	428.7	466.8	524.5
55°	374.1	391.6	419.4	476.1
57.5°	337.0	350.4	377.2	422.5
60°	300.9	313.3	334.9	372.0
62.5°	264.8	275.1	295.8	325.6
65°	232.9	241.1	256.6	282.4
67.5°	202.0	207.1	219.5	240.1
70°	172.1	176.2	186.5	203.0
72.5°	140.2	144.3	155.6	166.9
75°	113.4	114.4	122.6	131.9
77.5°	88.6	87.6	93.8	101.0
80°	60.8	63.9	69.0	72.1
82.5°	41.2	42.3	44.3	46.4
85°	22.7	23.7	23.7	26.8
87.5°	9.3	10.3	10.3	11.3
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: P998947

CATALOG NUMBER: SA2XXDIP-B675D925UB35-4F0-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: P998947

CATALOG NUMBER: SA2XXDIP-B675D925UB35-4F0-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	15.99	16.78	16.99	17.79	19.13	13.48	14.27	14.49	15.28	16.62
	3H	16.80	17.50	17.81	18.52	19.88	14.82	15.53	15.84	16.55	17.91
	4H	16.96	17.63	17.99	18.65	20.02	15.28	15.95	16.31	16.97	18.34
	6H	17.00	17.62	18.04	18.64	20.03	15.58	16.20	16.62	17.23	18.61
	8H	16.98	17.57	18.02	18.61	19.98	15.67	16.25	16.71	17.29	18.67
	12H	16.94	17.50	17.99	18.53	19.93	15.71	16.26	16.75	17.30	18.70
4H	2H	16.02	16.69	17.06	17.71	19.08	13.92	14.59	14.95	15.61	16.98
	3H	17.00	17.55	18.04	18.60	19.99	15.37	15.93	16.42	16.98	18.36
	4H	17.27	17.78	18.32	18.82	20.23	15.91	16.41	16.95	17.46	18.86
	6H	17.40	17.83	18.45	18.90	20.30	16.28	16.72	17.34	17.78	19.18
	8H	17.39	17.80	18.45	18.86	20.27	16.39	16.80	17.45	17.86	19.27
	12H	17.35	17.72	18.43	18.79	20.22	16.44	16.81	17.52	17.88	19.30
8H	4H	17.27	17.68	18.33	18.74	20.16	16.04	16.45	17.10	17.51	18.92
	6H	17.45	17.79	18.53	18.89	20.30	16.47	16.81	17.56	17.91	19.32
	8H	17.48	17.77	18.57	18.86	20.29	16.62	16.92	17.71	18.00	19.44
	12H	17.46	17.72	18.55	18.80	20.27	16.71	16.97	17.81	18.05	19.53
12H	4H	17.23	17.60	18.30	18.67	20.09	16.01	16.38	17.09	17.45	18.87
	6H	17.43	17.72	18.52	18.81	20.24	16.47	16.77	17.56	17.85	19.29
	8H	17.46	17.72	18.55	18.80	20.27	16.63	16.89	17.72	17.97	19.44