

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: P998801

Luminaire Tested: SA2XXDIP-B675D530UB2750-4F0-XX-W2A-A_2700K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P998801
REPORT IS A COMBINATION OF REPORTS P984547 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXDIP-B675D530UB2750-4F0-XX-W2A-A_2700K
Description: Define 2 Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

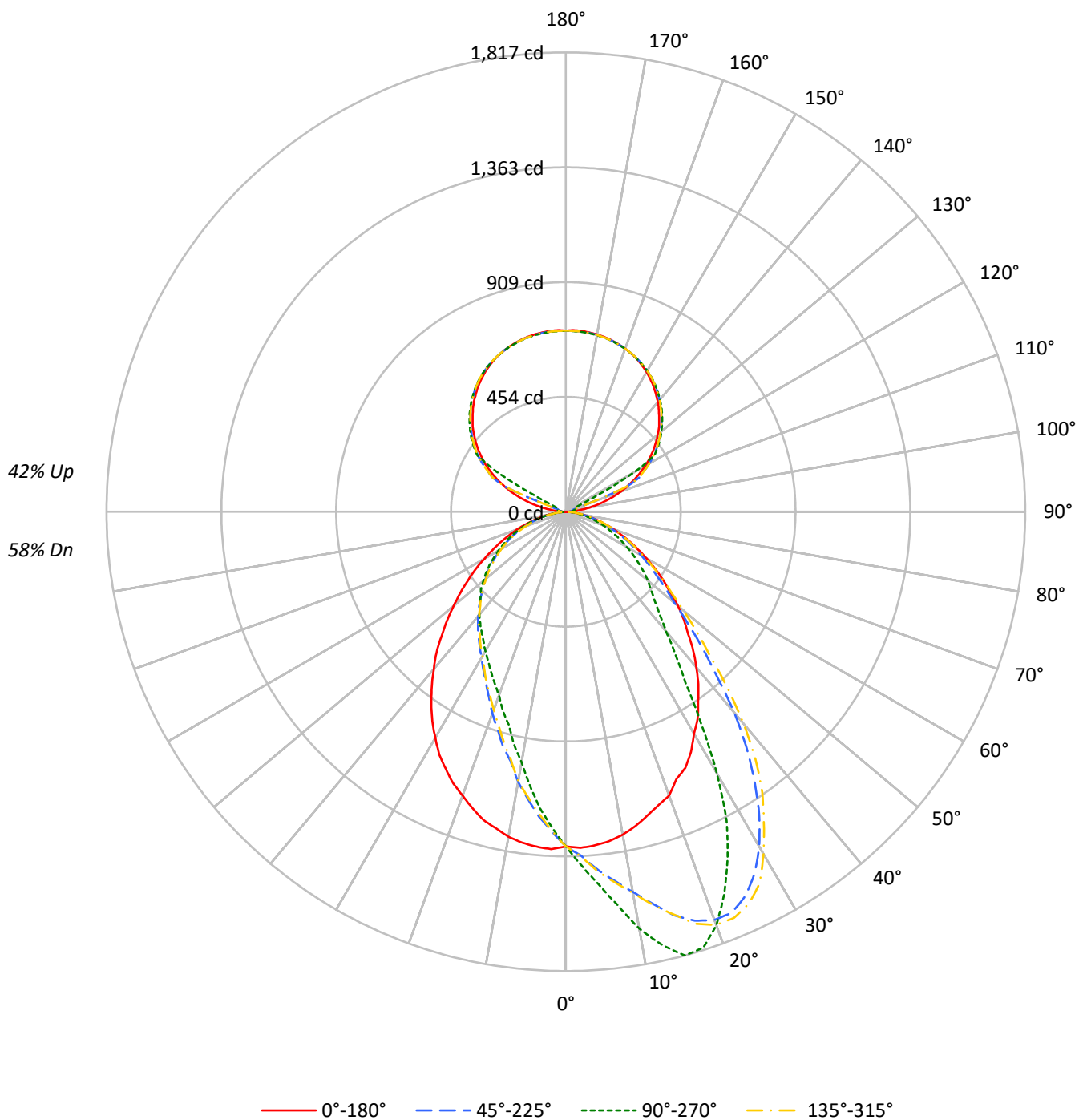
Lumens per Lamp: N/A
Luminaire Lumens: 5022.0 lumens
Efficiency: N/A
Efficacy: 97.9 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 51.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	109	109	109	109	102	102	102	102	88	88	88	75	75	75	64	64	64
1	100	96	92	89	93	90	87	84	78	76	73	67	65	64	57	56	55
2	92	85	79	74	85	79	74	70	69	65	62	60	57	54	51	49	47
3	84	75	68	62	78	70	64	59	61	57	53	53	50	47	46	43	41
4	77	67	59	53	72	63	56	50	55	50	45	48	44	40	41	38	36
5	71	60	52	46	66	56	49	44	49	44	40	43	39	35	37	34	31
6	66	54	46	40	61	51	44	38	45	39	35	39	35	31	34	31	28
7	61	49	41	36	57	46	39	34	41	35	31	36	31	28	31	28	25
8	57	45	37	32	53	42	35	30	37	32	28	33	29	25	29	25	23
9	53	41	33	28	49	39	32	27	34	29	25	31	26	23	27	23	21
10	50	38	30	26	46	36	29	25	32	26	23	28	24	21	25	21	19

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	20950	20950	20950	20950
5°	21000	22337	21081	17772
10°	20756	24384	20887	14652
15°	20252	25721	20534	12342
20°	19937	24150	19937	10726
25°	19302	20747	19390	9593
30°	18256	16309	18604	8689
35°	17330	11278	17620	7951
40°	16266	8515	16450	7360
45°	14952	6997	15196	6725
50°	13817	6141	13841	6156
55°	12524	5233	12604	5539
60°	11143	4370	11297	4833
65°	9908	3554	10089	4127
70°	8679	2790	8900	3329
75°	7283	2025	7569	2414
80°	5684	1282	6092	1434
85°	3729	647	4026	477

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 21656 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	126.1	2.5
10°-20°	366.9	7.3
20°-30°	532.5	10.6
30°-40°	561.3	11.2
40°-50°	496.7	9.9
50°-60°	396.6	7.9
60°-70°	269.4	5.4
70°-80°	137.8	2.7
80°-90°	33.8	0.7
90°-100°	23.6	0.5
100°-110°	88.1	1.8
110°-120°	233.6	4.7
120°-130°	387.5	7.7
130°-140°	411.6	8.2
140°-150°	382.5	7.6
150°-160°	307.5	6.1
160°-170°	198.2	3.9
170°-180°	68.2	1.4
0°-30°	1025.5	20.4
0°-40°	1586.8	31.6
0°-60°	2480.2	49.4
0°-90°	2921.3	58.2
90°-120°	345.3	6.9
90°-150°	1526.9	30.4
90°-180°	2101.0	41.8
0°-180°	5022.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1324	1324	1324	1324	1324	
5°	1324	1478	1330	1176	1324	126
15°	1244	1817	1261	872	1244	351
25°	1118	1514	1123	700	1118	511
35°	912	824	928	581	912	571
45°	685	496	696	477	685	531
55°	470	349	473	369	470	419
65°	279	215	284	249	279	277
75°	130	106	135	126	130	140
85°	26	28	28	20	26	31
90°	0	14	0	14	0	3
95°	34	22	34	22	34	40
105°	158	39	158	39	158	168
115°	298	42	298	42	298	293
125°	422	443	422	443	422	376
135°	522	539	522	539	522	403
145°	605	614	605	614	605	378
155°	666	667	666	667	666	307
165°	702	700	702	700	702	198
175°	718	714	718	714	718	68
180°	717	717	717	717	717	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5
2.5°	1330.6	1333.7	1338.7	1339.8	1349.9	1358.1	1367.2	1367.2	1370.3	1369.3	1361.1
5°	1324.5	1333.7	1346.9	1358.1	1376.4	1384.5	1396.7	1405.9	1414.0	1420.1	1419.1
7.5°	1314.3	1330.6	1349.9	1371.3	1395.7	1409.9	1427.2	1443.5	1454.7	1464.9	1472.0
10°	1297.0	1324.5	1350.9	1379.4	1411.0	1430.3	1450.6	1472.0	1489.3	1508.6	1526.9
12.5°	1273.6	1313.3	1345.9	1383.5	1422.2	1443.5	1476.1	1492.3	1525.9	1574.7	1588.0
15°	1244.1	1298.0	1328.6	1376.4	1427.2	1444.5	1489.3	1515.7	1584.9	1615.4	1652.1
17.5°	1216.7	1276.7	1317.4	1372.3	1422.2	1455.7	1499.5	1553.4	1611.4	1655.1	1695.8
20°	1194.3	1252.3	1301.1	1362.1	1425.2	1467.9	1513.7	1578.8	1641.9	1686.6	1718.2
22.5°	1143.4	1217.7	1274.7	1342.8	1419.1	1478.1	1521.8	1593.1	1661.2	1688.7	1716.1
25°	1118.0	1182.1	1248.2	1325.5	1415.0	1485.2	1522.9	1602.2	1662.2	1672.4	1678.5
27.5°	1071.2	1143.4	1220.7	1309.2	1414.0	1473.0	1520.8	1593.1	1640.9	1633.8	1615.4
30°	1013.2	1101.7	1187.2	1282.8	1399.8	1463.9	1508.6	1574.7	1599.2	1562.5	1530.0
32.5°	970.5	1053.9	1148.5	1259.4	1383.5	1444.5	1488.3	1540.2	1545.2	1479.1	1424.2
35°	912.5	1005.1	1111.9	1228.9	1356.0	1411.0	1451.7	1483.2	1458.8	1366.2	1301.1
37.5°	860.6	952.2	1066.1	1185.1	1318.4	1372.3	1404.9	1409.9	1349.9	1268.5	1172.9
40°	803.7	898.3	1017.3	1142.4	1276.7	1323.5	1343.8	1328.6	1242.1	1147.5	1036.6
42.5°	746.7	840.3	968.4	1096.6	1223.8	1263.5	1271.6	1229.9	1124.1	1013.2	885.0
45°	684.6	782.3	910.5	1039.7	1162.7	1185.1	1186.1	1126.1	1001.0	885.0	766.0
47.5°	633.8	724.3	851.5	980.7	1084.4	1099.7	1093.6	1024.4	888.1	757.9	654.1
50°	577.8	664.3	790.4	917.6	1006.1	1010.2	994.9	896.2	763.0	643.9	561.5
52.5°	517.8	605.3	721.3	843.3	922.7	916.6	887.1	781.3	656.1	557.5	494.4
55°	470.0	547.3	656.1	775.2	831.1	813.8	781.3	673.4	574.8	491.3	436.4
57.5°	417.1	485.2	592.1	695.8	728.4	712.1	679.5	578.8	487.3	424.2	387.6
60°	367.2	429.3	522.9	609.4	634.8	617.5	579.8	489.3	423.2	370.3	342.8
62.5°	321.5	375.4	453.7	533.1	543.2	525.9	493.4	420.1	363.2	321.5	301.1
65°	278.7	329.6	392.7	452.7	461.8	443.5	410.0	357.1	309.3	282.8	263.5
67.5°	237.0	277.7	333.7	377.4	382.5	365.2	337.7	295.0	265.5	237.0	222.8
70°	200.4	230.9	274.7	310.3	312.3	296.0	281.8	243.1	220.7	200.4	189.2
72.5°	164.8	186.2	219.7	246.2	247.2	237.0	223.8	199.4	180.1	165.8	154.6
75°	130.2	148.5	168.9	192.3	191.2	183.1	172.9	157.7	141.4	132.2	127.2
77.5°	99.7	110.9	127.2	142.4	142.4	138.3	132.2	121.1	110.9	101.7	96.6
80°	71.2	78.3	91.6	96.6	98.7	97.7	92.6	84.4	80.4	73.2	71.2
82.5°	45.8	50.9	57.0	62.1	65.1	63.1	62.1	58.0	51.9	49.8	47.8
85°	26.4	28.5	31.5	34.6	35.6	34.6	36.6	33.6	30.5	30.5	29.5
87.5°	11.2	12.2	14.2	14.2	15.3	15.3	14.2	15.3	15.3	14.2	13.2
90°	0.5	1.8	3.0	4.3	5.6	6.2	6.7	7.6	8.5	9.5	10.4
92.5°	13.0	12.5	12.1	11.6	11.1	10.9	11.1	11.4	11.7	12.1	12.4
95°	33.7	29.9	26.1	22.3	18.5	16.6	17.0	17.8	18.6	19.4	20.2
97.5°	60.7	51.2	41.8	32.3	22.8	18.1	19.0	20.9	22.7	24.6	26.4
100°	91.8	76.0	60.2	44.4	28.6	20.7	21.7	23.7	25.6	27.6	29.6
102.5°	126.0	125.8	125.6	125.3	125.1	125.0	114.5	93.5	72.6	51.6	30.6
105°	157.6	161.1	164.5	168.0	171.5	173.2	157.5	126.0	94.5	63.1	31.6
107.5°	194.4	197.3	200.2	203.1	206.0	207.4	188.0	149.2	110.3	71.5	32.7
110°	229.7	232.1	234.5	237.0	239.4	240.6	223.9	190.6	157.3	124.0	90.7



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	262.9	265.0	267.0	269.1	271.2	272.2	271.2	269.3	267.3	265.4	263.4
115°	298.1	300.1	302.1	304.0	306.0	307.0	308.4	311.3	314.2	317.0	319.9
117.5°	328.7	331.0	333.3	335.6	337.9	339.1	340.1	342.0	344.0	345.9	347.9
120°	363.0	364.7	366.4	368.1	369.8	370.7	371.7	373.8	375.9	378.0	380.1
122.5°	392.0	393.8	395.7	397.5	399.4	400.3	401.5	403.8	406.1	408.4	410.7
125°	421.5	423.0	424.5	426.0	427.5	428.3	429.4	431.6	433.7	435.9	438.1
127.5°	448.5	450.1	451.7	453.4	455.0	455.8	456.7	458.4	460.1	461.8	463.5
130°	473.9	475.7	477.6	479.4	481.3	482.2	482.8	484.1	485.4	486.6	487.9
132.5°	499.8	501.3	502.8	504.3	505.8	506.6	507.2	508.5	509.8	511.0	512.3
135°	521.6	523.4	525.3	527.1	529.0	529.9	530.4	531.5	532.5	533.6	534.6
137.5°	544.4	545.8	547.2	548.6	550.0	550.7	551.3	552.4	553.5	554.7	555.8
140°	566.7	567.6	568.6	569.5	570.4	570.9	571.5	572.8	574.1	575.3	576.6
142.5°	585.4	586.2	587.0	587.8	588.6	589.0	589.8	591.3	592.8	594.3	595.8
145°	605.1	605.0	604.9	604.8	604.7	604.6	605.6	607.5	609.5	611.4	613.4
147.5°	622.2	621.8	621.5	621.1	620.8	620.6	621.6	623.6	625.5	627.5	629.5
150°	638.8	638.0	637.2	636.4	635.6	635.2	636.1	638.0	639.8	641.7	643.5
152.5°	652.8	651.9	650.9	650.0	649.1	648.6	649.5	651.2	652.9	654.7	656.4
155°	666.3	665.3	664.2	663.2	662.1	661.6	662.3	663.7	665.0	666.4	667.8
157.5°	677.2	676.3	675.3	674.4	673.5	673.0	673.5	674.6	675.6	676.7	677.7
160°	686.5	685.8	685.1	684.4	683.7	683.4	683.7	684.4	685.1	685.8	686.5
162.5°	694.8	694.1	693.4	692.7	692.0	691.7	692.0	692.6	693.1	693.7	694.3
165°	702.1	701.4	700.7	700.0	699.3	698.9	699.1	699.4	699.8	700.1	700.5
167.5°	707.8	707.1	706.4	705.7	705.0	704.6	704.8	705.1	705.5	705.8	706.2
170°	712.4	711.7	711.0	710.3	709.6	709.3	709.4	709.7	709.9	710.2	710.4
172.5°	715.5	714.8	714.1	713.4	712.7	712.4	712.5	712.8	713.0	713.3	713.5
175°	718.1	717.3	716.5	715.7	714.9	714.5	714.6	714.8	715.1	715.3	715.5
177.5°	719.2	718.4	717.6	716.7	715.9	715.5	715.6	715.7	715.8	716.0	716.1
180°	716.6	716.6	716.6	716.6	716.6	716.6	716.6	716.6	716.6	716.6	716.6

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5
2.5°	1375.4	1376.4	1378.4	1388.6	1393.7	1394.7	1390.6	1399.8	1402.8	1399.8	1397.7
5°	1440.5	1446.6	1458.8	1472.0	1471.0	1472.0	1478.1	1484.2	1486.2	1478.1	1481.2
7.5°	1497.4	1509.6	1522.9	1543.2	1543.2	1553.4	1557.5	1562.5	1574.7	1568.6	1566.6
10°	1562.5	1578.8	1603.2	1635.8	1636.8	1647.0	1657.1	1673.4	1678.5	1674.4	1676.5
12.5°	1643.9	1675.5	1677.5	1713.1	1729.4	1731.4	1747.7	1744.6	1754.8	1754.8	1772.1
15°	1679.5	1728.4	1755.8	1790.4	1800.6	1788.4	1801.6	1815.8	1816.9	1816.9	1815.8
17.5°	1743.6	1762.9	1790.4	1808.7	1812.8	1812.8	1813.8	1819.9	1815.8	1807.7	1813.8
20°	1756.8	1765.0	1775.2	1773.1	1775.2	1765.0	1754.8	1744.6	1745.7	1740.6	1755.8
22.5°	1732.4	1730.4	1707.0	1691.7	1691.7	1671.4	1652.1	1642.9	1633.8	1636.8	1641.9
25°	1671.4	1639.9	1611.4	1589.0	1583.9	1551.4	1524.9	1516.8	1501.5	1513.7	1515.7
27.5°	1573.7	1538.1	1492.3	1473.0	1446.6	1433.3	1415.0	1390.6	1359.1	1377.4	1374.3
30°	1469.0	1416.1	1378.4	1331.6	1289.9	1286.9	1252.3	1211.6	1195.3	1195.3	1204.5
32.5°	1352.0	1281.8	1226.8	1160.7	1120.0	1102.7	1061.0	1020.3	1029.5	999.0	1010.2
35°	1215.6	1123.1	1053.9	989.8	959.3	938.9	885.0	862.7	838.2	824.0	850.4
37.5°	1085.4	978.6	890.1	819.9	808.7	772.1	735.5	721.3	707.0	713.1	712.1
40°	926.7	832.1	752.8	697.9	678.5	661.2	636.8	619.5	610.4	615.5	616.5
42.5°	783.3	704.0	645.0	606.3	590.0	577.8	565.6	551.4	548.3	548.3	552.4
45°	672.4	607.3	567.6	536.1	527.0	517.8	508.6	502.5	500.5	496.4	499.5
47.5°	583.9	532.0	507.6	484.2	474.1	472.0	463.9	460.8	456.8	455.7	456.8
50°	509.7	477.1	454.7	441.5	434.4	431.3	427.3	421.2	419.1	424.2	422.2
52.5°	457.8	427.3	415.0	401.8	397.8	393.7	387.6	388.6	387.6	385.5	385.5
55°	405.9	386.6	374.4	364.2	363.2	359.1	354.0	352.0	351.0	348.9	352.0
57.5°	364.2	348.9	337.7	328.6	324.5	324.5	319.4	315.4	315.4	314.3	315.4
60°	322.5	307.2	300.1	290.9	287.9	286.9	283.8	281.8	278.7	278.7	278.7
62.5°	283.8	271.6	263.5	255.3	256.4	251.3	247.2	245.2	245.2	246.2	246.2
65°	247.2	239.1	228.9	221.8	219.7	218.7	216.7	215.7	212.6	214.6	214.6
67.5°	213.6	202.4	196.3	193.3	190.2	189.2	187.2	185.1	184.1	183.1	185.1
70°	180.1	170.9	165.8	163.8	160.7	159.7	158.7	155.6	156.7	157.7	158.7
72.5°	149.5	141.4	140.4	134.3	134.3	134.3	130.2	132.2	131.2	129.2	131.2
75°	118.0	113.9	111.9	108.8	109.9	108.8	107.8	104.8	104.8	105.8	106.8
77.5°	93.6	89.5	88.5	85.5	83.4	85.5	83.4	82.4	82.4	83.4	83.4
80°	69.2	67.1	64.1	64.1	64.1	63.1	63.1	63.1	62.1	61.0	62.1
82.5°	45.8	45.8	44.8	43.7	44.8	42.7	43.7	43.7	43.7	43.7	43.7
85°	29.5	28.5	28.5	27.5	27.5	27.5	28.5	26.4	26.4	27.5	27.5
87.5°	13.2	13.2	13.2	14.2	13.2	13.2	13.2	14.2	13.2	13.2	13.2
90°	11.0	11.6	12.1	12.7	13.0	13.1	13.3	13.6	13.8	14.0	13.8
92.5°	12.6	12.9	13.1	13.4	13.5	13.6	13.7	13.8	13.9	14.0	13.9
95°	20.8	21.4	21.9	22.5	22.8	22.7	22.6	22.5	22.4	22.3	22.4
97.5°	26.8	27.1	27.5	27.8	28.0	28.1	28.2	28.3	28.4	28.5	28.4
100°	30.5	31.4	32.3	33.2	33.7	33.8	34.0	34.3	34.5	34.7	34.5
102.5°	31.9	33.1	34.4	35.7	36.3	36.5	36.8	37.2	37.5	37.9	37.5
105°	32.9	34.1	35.4	36.7	37.3	37.5	38.0	38.5	38.9	39.4	38.9
107.5°	34.0	35.2	36.5	37.8	38.4	38.6	39.1	39.5	40.0	40.4	40.0
110°	79.2	67.7	56.2	44.7	38.9	39.1	39.6	40.1	40.5	41.0	40.5

TEST NUMBER: P998801

CATALOG NUMBER: SA2XXDIP-B675D530UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	213.7	164.1	114.4	64.7	39.9	40.1	40.4	40.8	41.1	41.5	41.1
115°	266.5	213.2	159.8	106.5	79.8	75.7	67.4	59.1	50.8	42.5	50.8
117.5°	331.4	315.0	298.5	282.0	273.8	258.7	228.5	198.3	168.1	137.9	168.1
120°	381.5	382.9	384.2	385.6	386.3	378.5	363.0	347.4	331.9	316.3	331.9
122.5°	411.4	412.1	412.8	413.5	413.8	413.9	414.0	414.1	414.2	414.3	414.2
125°	438.9	439.7	440.6	441.4	441.8	442.0	442.3	442.6	443.0	443.3	443.0
127.5°	464.7	465.8	467.0	468.1	468.7	468.8	468.9	469.0	469.1	469.2	469.1
130°	489.2	490.4	491.7	493.0	493.6	493.5	493.4	493.3	493.2	493.1	493.2
132.5°	513.3	514.3	515.4	516.4	516.9	516.8	516.7	516.6	516.5	516.4	516.5
135°	535.8	536.9	538.1	539.2	539.8	539.7	539.4	539.2	538.9	538.7	538.9
137.5°	557.0	558.1	559.3	560.4	561.0	560.8	560.5	560.2	559.8	559.5	559.8
140°	577.6	578.6	579.7	580.7	581.2	580.9	580.4	579.8	579.3	578.7	579.3
142.5°	596.7	597.6	598.5	599.4	599.9	599.6	599.0	598.5	597.9	597.3	597.9
145°	614.2	615.0	615.8	616.6	617.0	616.7	616.1	615.6	615.0	614.4	615.0
147.5°	630.1	630.7	631.2	631.8	632.1	631.9	631.4	630.9	630.5	630.0	630.5
150°	644.2	644.9	645.6	646.3	646.6	646.3	645.7	645.2	644.6	644.0	644.6
152.5°	657.1	657.8	658.5	659.2	659.5	659.1	658.3	657.5	656.7	655.9	656.7
155°	668.5	669.2	669.9	670.6	670.9	670.4	669.5	668.6	667.7	666.8	667.7
157.5°	678.5	679.3	680.1	680.9	681.3	680.8	679.9	679.0	678.1	677.2	678.1
160°	687.2	687.9	688.6	689.3	689.6	689.2	688.4	687.6	686.8	686.0	686.8
162.5°	695.1	695.9	696.7	697.5	697.9	697.4	696.3	695.3	694.2	693.2	694.2
165°	701.3	702.1	702.9	703.7	704.1	703.7	702.9	702.1	701.3	700.5	701.3
167.5°	707.0	707.8	708.6	709.4	709.8	709.3	708.3	707.2	706.2	705.2	706.2
170°	711.2	712.0	712.8	713.6	714.0	713.5	712.4	711.4	710.3	709.3	710.3
172.5°	714.3	715.1	715.9	716.7	717.1	716.6	715.5	714.5	713.4	712.4	713.4
175°	716.3	717.1	718.0	718.8	719.2	718.6	717.5	716.3	715.2	714.0	715.2
177.5°	716.9	717.7	718.5	719.3	719.7	719.2	718.1	717.1	716.0	715.0	716.0
180°	716.6	716.6	716.6	716.6	716.6	716.6	716.6	716.6	716.6	716.6	716.6

TEST NUMBER: P998801

CATALOG NUMBER: SA2XXDIP-B675D530UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5
2.5°	1402.8	1395.7	1389.6	1390.6	1395.7	1391.6	1381.5	1368.2	1363.2	1357.1	1363.2
5°	1487.3	1481.2	1469.0	1470.0	1466.9	1462.8	1446.6	1426.2	1426.2	1409.9	1407.9
7.5°	1570.7	1561.5	1553.4	1551.4	1540.2	1532.0	1517.8	1489.3	1478.1	1458.8	1447.6
10°	1664.3	1657.1	1648.0	1636.8	1630.7	1616.5	1593.1	1551.4	1531.0	1504.6	1485.2
12.5°	1758.9	1757.9	1737.5	1715.1	1714.1	1691.7	1675.5	1619.5	1592.0	1556.4	1510.7
15°	1818.9	1813.8	1802.6	1791.4	1794.5	1770.1	1733.4	1667.3	1649.0	1606.3	1557.5
17.5°	1817.9	1817.9	1814.8	1812.8	1809.7	1802.6	1782.3	1738.5	1709.0	1655.1	1609.3
20°	1759.9	1773.1	1776.2	1775.2	1785.3	1790.4	1789.4	1761.9	1738.5	1690.7	1643.9
22.5°	1643.9	1674.4	1687.7	1695.8	1717.2	1728.4	1754.8	1744.6	1738.5	1702.9	1663.3
25°	1536.1	1546.3	1585.9	1588.0	1617.5	1644.9	1671.4	1688.7	1711.1	1697.8	1664.3
27.5°	1396.7	1420.1	1448.6	1470.0	1476.1	1532.0	1575.8	1608.3	1659.2	1663.3	1652.1
30°	1239.0	1250.2	1297.0	1325.5	1358.1	1398.8	1461.8	1517.8	1563.6	1605.3	1619.5
32.5°	1046.8	1092.6	1120.0	1154.6	1183.1	1255.3	1332.6	1404.9	1457.8	1528.0	1558.5
35°	870.8	906.4	953.2	967.4	1019.3	1080.4	1181.1	1273.6	1354.0	1425.2	1487.3
37.5°	725.3	753.8	803.7	826.0	856.5	934.9	1019.3	1134.3	1230.9	1318.4	1395.7
40°	625.6	647.0	684.6	691.7	717.2	788.4	856.5	964.4	1092.6	1210.6	1295.0
42.5°	557.5	567.6	593.1	602.2	618.5	666.3	727.4	829.1	948.1	1070.2	1189.2
45°	508.6	515.8	531.0	539.2	559.5	580.9	630.7	712.1	805.7	928.8	1057.0
47.5°	464.9	474.1	480.2	485.2	496.4	519.8	552.4	612.4	701.9	814.8	938.9
50°	428.3	431.3	442.5	443.5	450.7	465.9	496.4	533.1	604.3	695.8	815.9
52.5°	391.7	394.7	401.8	408.9	412.0	424.2	444.6	475.1	528.0	600.2	707.0
55°	355.0	359.1	366.2	371.3	374.4	384.5	396.7	426.2	467.9	518.8	606.3
57.5°	318.4	327.6	329.6	332.7	337.7	348.9	360.1	377.4	410.0	456.8	520.8
60°	283.8	286.9	294.0	297.0	302.1	308.2	322.5	335.7	359.1	395.7	453.7
62.5°	248.2	255.3	258.4	261.4	265.5	272.6	281.8	296.0	316.4	345.9	391.7
65°	217.7	218.7	224.8	228.9	233.0	238.0	247.2	260.4	272.6	300.1	333.7
67.5°	188.2	190.2	192.3	196.3	201.4	206.5	214.6	221.8	237.0	255.3	281.8
70°	159.7	159.7	164.8	167.9	166.8	172.9	179.0	187.2	198.4	215.7	237.0
72.5°	134.3	133.3	137.3	138.3	140.4	144.5	148.5	156.7	162.8	176.0	192.3
75°	106.8	108.8	110.9	110.9	113.9	117.0	121.1	125.1	132.2	140.4	152.6
77.5°	84.4	84.4	86.5	87.5	90.5	89.5	93.6	97.7	102.7	109.9	119.0
80°	62.1	64.1	64.1	64.1	65.1	66.1	70.2	73.2	76.3	81.4	85.5
82.5°	43.7	43.7	45.8	45.8	45.8	47.8	47.8	48.8	50.9	53.9	57.0
85°	27.5	27.5	27.5	28.5	27.5	28.5	30.5	29.5	30.5	32.6	32.6
87.5°	13.2	13.2	13.2	13.2	13.2	14.2	13.2	14.2	15.3	15.3	15.3
90°	13.6	13.3	13.1	13.0	12.7	12.1	11.6	11.0	10.4	9.5	8.5
92.5°	13.8	13.7	13.6	13.5	13.4	13.1	12.9	12.6	12.4	12.1	11.7
95°	22.5	22.6	22.7	22.8	22.5	21.9	21.4	20.8	20.2	19.4	18.6
97.5°	28.3	28.2	28.1	28.0	27.8	27.5	27.1	26.8	26.4	24.6	22.7
100°	34.3	34.0	33.8	33.7	33.2	32.3	31.4	30.5	29.6	27.6	25.6
102.5°	37.2	36.8	36.5	36.3	35.7	34.4	33.1	31.9	30.6	51.6	72.6
105°	38.5	38.0	37.5	37.3	36.7	35.4	34.1	32.9	31.6	63.1	94.5
107.5°	39.5	39.1	38.6	38.4	37.8	36.5	35.2	34.0	32.7	71.5	110.3
110°	40.1	39.6	39.1	38.9	44.7	56.2	67.7	79.2	90.7	124.0	157.3

TEST NUMBER: P998801

CATALOG NUMBER: SA2XXDIP-B675D530UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	40.8	40.4	40.1	39.9	64.7	114.4	164.1	213.7	263.4	265.4	267.3
115°	59.1	67.4	75.7	79.8	106.5	159.8	213.2	266.5	319.9	317.0	314.2
117.5°	198.3	228.5	258.7	273.8	282.0	298.5	315.0	331.4	347.9	345.9	344.0
120°	347.4	363.0	378.5	386.3	385.6	384.2	382.9	381.5	380.1	378.0	375.9
122.5°	414.1	414.0	413.9	413.8	413.5	412.8	412.1	411.4	410.7	408.4	406.1
125°	442.6	442.3	442.0	441.8	441.4	440.6	439.7	438.9	438.1	435.9	433.7
127.5°	469.0	468.9	468.8	468.7	468.1	467.0	465.8	464.7	463.5	461.8	460.1
130°	493.3	493.4	493.5	493.6	493.0	491.7	490.4	489.2	487.9	486.6	485.4
132.5°	516.6	516.7	516.8	516.9	516.4	515.4	514.3	513.3	512.3	511.0	509.8
135°	539.2	539.4	539.7	539.8	539.2	538.1	536.9	535.8	534.6	533.6	532.5
137.5°	560.2	560.5	560.8	561.0	560.4	559.3	558.1	557.0	555.8	554.7	553.5
140°	579.8	580.4	580.9	581.2	580.7	579.7	578.6	577.6	576.6	575.3	574.1
142.5°	598.5	599.0	599.6	599.9	599.4	598.5	597.6	596.7	595.8	594.3	592.8
145°	615.6	616.1	616.7	617.0	616.6	615.8	615.0	614.2	613.4	611.4	609.5
147.5°	630.9	631.4	631.9	632.1	631.8	631.2	630.7	630.1	629.5	627.5	625.5
150°	645.2	645.7	646.3	646.6	646.3	645.6	644.9	644.2	643.5	641.7	639.8
152.5°	657.5	658.3	659.1	659.5	659.2	658.5	657.8	657.1	656.4	654.7	652.9
155°	668.6	669.5	670.4	670.9	670.6	669.9	669.2	668.5	667.8	666.4	665.0
157.5°	679.0	679.9	680.8	681.3	680.9	680.1	679.3	678.5	677.7	676.7	675.6
160°	687.6	688.4	689.2	689.6	689.3	688.6	687.9	687.2	686.5	685.8	685.1
162.5°	695.3	696.3	697.4	697.9	697.5	696.7	695.9	695.1	694.3	693.7	693.1
165°	702.1	702.9	703.7	704.1	703.7	702.9	702.1	701.3	700.5	700.1	699.8
167.5°	707.2	708.3	709.3	709.8	709.4	708.6	707.8	707.0	706.2	705.8	705.5
170°	711.4	712.4	713.5	714.0	713.6	712.8	712.0	711.2	710.4	710.2	709.9
172.5°	714.5	715.5	716.6	717.1	716.7	715.9	715.1	714.3	713.5	713.3	713.0
175°	716.3	717.5	718.6	719.2	718.8	718.0	717.1	716.3	715.5	715.3	715.1
177.5°	717.1	718.1	719.2	719.7	719.3	718.5	717.7	716.9	716.1	716.0	715.8
180°	716.6	716.6	716.6	716.6	716.6	716.6	716.6	716.6	716.6	716.6	716.6

TEST NUMBER: P998801

CATALOG NUMBER: SA2XXDIP-B675D530UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5
2.5°	1358.1	1353.0	1349.9	1352.0	1345.9	1330.6	1330.6	1335.7	1329.6	1323.5	1314.3
5°	1395.7	1385.5	1379.4	1378.4	1364.2	1339.8	1334.7	1329.6	1316.4	1302.1	1286.9
7.5°	1432.3	1414.0	1403.8	1396.7	1376.4	1344.8	1331.6	1320.4	1299.1	1277.7	1258.4
10°	1462.8	1436.4	1424.2	1413.0	1386.6	1346.9	1325.5	1305.2	1277.7	1250.2	1225.8
12.5°	1487.3	1456.7	1441.5	1425.2	1392.7	1340.8	1314.3	1281.8	1254.3	1217.7	1193.3
15°	1528.0	1464.9	1450.6	1435.4	1401.8	1330.6	1298.0	1261.4	1223.8	1175.0	1148.5
17.5°	1560.5	1476.1	1475.1	1442.5	1398.8	1326.5	1276.7	1228.9	1188.2	1139.4	1097.6
20°	1579.8	1493.4	1477.1	1443.5	1388.6	1299.1	1247.2	1194.3	1150.5	1091.5	1049.8
22.5°	1596.1	1517.8	1475.1	1434.4	1367.2	1289.9	1213.6	1163.8	1103.7	1039.7	1000.0
25°	1602.2	1522.9	1478.1	1431.3	1352.0	1263.5	1177.0	1123.1	1055.9	998.0	944.0
27.5°	1603.2	1521.8	1466.9	1418.1	1330.6	1228.9	1140.4	1083.4	1009.1	942.0	888.1
30°	1593.1	1510.7	1460.8	1407.9	1310.3	1197.3	1095.6	1032.5	953.2	886.1	830.1
32.5°	1562.5	1488.3	1447.6	1389.6	1283.8	1153.6	1052.9	982.7	899.3	833.2	779.2
35°	1511.7	1460.8	1416.1	1362.1	1249.2	1112.9	1010.2	927.8	843.3	780.3	729.4
37.5°	1448.6	1421.1	1379.4	1326.5	1209.5	1076.3	962.3	870.8	786.4	725.3	675.5
40°	1363.2	1370.3	1329.6	1281.8	1162.7	1026.4	900.3	812.8	733.5	676.5	627.7
42.5°	1270.6	1300.1	1276.7	1230.9	1110.9	971.5	854.5	757.9	680.6	621.6	580.9
45°	1170.9	1221.8	1207.5	1173.9	1057.0	913.5	789.4	695.8	627.7	570.7	535.1
47.5°	1062.0	1134.3	1134.3	1109.9	996.9	855.5	733.5	637.8	570.7	530.0	495.4
50°	951.2	1032.5	1045.8	1029.5	929.8	789.4	665.3	578.8	520.8	481.2	455.7
52.5°	835.2	929.8	954.2	946.1	858.6	726.3	609.4	524.9	472.0	437.4	415.0
55°	724.3	834.2	860.6	863.7	782.3	657.2	547.3	473.0	422.2	398.8	379.4
57.5°	619.5	725.3	754.8	759.9	705.0	594.1	489.3	424.2	378.4	359.1	343.8
60°	530.0	618.5	657.2	668.4	620.5	520.8	435.4	372.3	337.7	319.4	305.2
62.5°	456.8	528.0	568.7	571.7	550.3	456.8	379.4	326.5	297.0	280.8	273.6
65°	385.5	449.6	474.1	486.3	469.0	395.7	327.6	283.8	260.4	246.2	239.1
67.5°	328.6	369.3	389.6	405.9	388.6	333.7	278.7	243.1	225.8	211.6	207.5
70°	269.6	303.1	318.4	334.7	319.4	277.7	238.0	205.5	190.2	179.0	174.0
72.5°	215.7	242.1	256.4	266.5	257.4	222.8	190.2	167.9	156.7	148.5	145.5
75°	170.9	189.2	197.4	204.5	200.4	174.0	153.6	135.3	125.1	118.0	116.0
77.5°	130.2	143.4	152.6	154.6	149.5	132.2	115.0	103.8	95.6	91.6	89.5
80°	92.6	100.7	105.8	108.8	103.8	96.6	84.4	76.3	69.2	64.1	63.1
82.5°	62.1	66.1	70.2	69.2	67.1	61.0	53.9	49.8	46.8	42.7	42.7
85°	35.6	36.6	38.7	39.7	38.7	34.6	30.5	28.5	26.4	23.4	23.4
87.5°	15.3	16.3	16.3	17.3	15.3	15.3	13.2	11.2	11.2	10.2	9.2
90°	7.6	6.7	6.2	5.6	4.3	3.0	1.8	0.5	1.8	3.0	4.3
92.5°	11.4	11.1	10.9	11.1	11.6	12.1	12.5	13.0	12.5	12.1	11.6
95°	17.8	17.0	16.6	18.5	22.3	26.1	29.9	33.7	29.9	26.1	22.3
97.5°	20.9	19.0	18.1	22.8	32.3	41.8	51.2	60.7	51.2	41.8	32.3
100°	23.7	21.7	20.7	28.6	44.4	60.2	76.0	91.8	76.0	60.2	44.4
102.5°	93.5	114.5	125.0	125.1	125.3	125.6	125.8	126.0	125.8	125.6	125.3
105°	126.0	157.5	173.2	171.5	168.0	164.5	161.1	157.6	161.1	164.5	168.0
107.5°	149.2	188.0	207.4	206.0	203.1	200.2	197.3	194.4	197.3	200.2	203.1
110°	190.6	223.9	240.6	239.4	237.0	234.5	232.1	229.7	232.1	234.5	237.0

TEST NUMBER: P998801

CATALOG NUMBER: SA2XXDIP-B675D530UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	269.3	271.2	272.2	271.2	269.1	267.0	265.0	262.9	265.0	267.0	269.1
115°	311.3	308.4	307.0	306.0	304.0	302.1	300.1	298.1	300.1	302.1	304.0
117.5°	342.0	340.1	339.1	337.9	335.6	333.3	331.0	328.7	331.0	333.3	335.6
120°	373.8	371.7	370.7	369.8	368.1	366.4	364.7	363.0	364.7	366.4	368.1
122.5°	403.8	401.5	400.3	399.4	397.5	395.7	393.8	392.0	393.8	395.7	397.5
125°	431.6	429.4	428.3	427.5	426.0	424.5	423.0	421.5	423.0	424.5	426.0
127.5°	458.4	456.7	455.8	455.0	453.4	451.7	450.1	448.5	450.1	451.7	453.4
130°	484.1	482.8	482.2	481.3	479.4	477.6	475.7	473.9	475.7	477.6	479.4
132.5°	508.5	507.2	506.6	505.8	504.3	502.8	501.3	499.8	501.3	502.8	504.3
135°	531.5	530.4	529.9	529.0	527.1	525.3	523.4	521.6	523.4	525.3	527.1
137.5°	552.4	551.3	550.7	550.0	548.6	547.2	545.8	544.4	545.8	547.2	548.6
140°	572.8	571.5	570.9	570.4	569.5	568.6	567.6	566.7	567.6	568.6	569.5
142.5°	591.3	589.8	589.0	588.6	587.8	587.0	586.2	585.4	586.2	587.0	587.8
145°	607.5	605.6	604.6	604.7	604.8	604.9	605.0	605.1	605.0	604.9	604.8
147.5°	623.6	621.6	620.6	620.8	621.1	621.5	621.8	622.2	621.8	621.5	621.1
150°	638.0	636.1	635.2	635.6	636.4	637.2	638.0	638.8	638.0	637.2	636.4
152.5°	651.2	649.5	648.6	649.1	650.0	650.9	651.9	652.8	651.9	650.9	650.0
155°	663.7	662.3	661.6	662.1	663.2	664.2	665.3	666.3	665.3	664.2	663.2
157.5°	674.6	673.5	673.0	673.5	674.4	675.3	676.3	677.2	676.3	675.3	674.4
160°	684.4	683.7	683.4	683.7	684.4	685.1	685.8	686.5	685.8	685.1	684.4
162.5°	692.6	692.0	691.7	692.0	692.7	693.4	694.1	694.8	694.1	693.4	692.7
165°	699.4	699.1	698.9	699.3	700.0	700.7	701.4	702.1	701.4	700.7	700.0
167.5°	705.1	704.8	704.6	705.0	705.7	706.4	707.1	707.8	707.1	706.4	705.7
170°	709.7	709.4	709.3	709.6	710.3	711.0	711.7	712.4	711.7	711.0	710.3
172.5°	712.8	712.5	712.4	712.7	713.4	714.1	714.8	715.5	714.8	714.1	713.4
175°	714.8	714.6	714.5	714.9	715.7	716.5	717.3	718.1	717.3	716.5	715.7
177.5°	715.7	715.6	715.5	715.9	716.7	717.6	718.4	719.2	718.4	717.6	716.7
180°	716.6	716.6	716.6	716.6	716.6	716.6	716.6	716.6	716.6	716.6	716.6

TEST NUMBER: P998801

CATALOG NUMBER: SA2XXDIP-B675D530UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5
2.5°	1309.2	1314.3	1313.3	1303.1	1291.9	1282.8	1265.5	1267.5	1261.4	1262.4	1268.5
5°	1276.7	1276.7	1272.6	1258.4	1240.1	1229.9	1210.6	1205.5	1193.3	1192.3	1191.2
7.5°	1242.1	1237.0	1231.9	1211.6	1189.2	1172.9	1146.5	1140.4	1128.2	1120.0	1116.0
10°	1201.4	1194.3	1184.1	1160.7	1133.2	1112.9	1085.4	1077.3	1053.9	1043.7	1037.6
12.5°	1156.6	1152.6	1136.3	1117.0	1072.2	1049.8	1010.2	1018.3	994.9	974.6	971.5
15°	1111.9	1096.6	1087.5	1055.9	1002.0	991.8	960.3	944.0	922.7	906.4	906.4
17.5°	1068.1	1044.7	1024.4	990.8	951.2	922.7	899.3	891.1	864.7	848.4	845.4
20°	1010.2	983.7	978.6	930.8	903.3	871.8	849.4	829.1	809.8	802.6	797.5
22.5°	955.2	924.7	916.6	875.9	848.4	816.9	794.5	780.3	766.0	760.9	751.8
25°	896.2	877.9	865.7	822.0	791.4	761.9	746.7	736.5	723.3	722.3	716.2
27.5°	839.3	822.0	809.8	768.0	745.7	718.2	706.0	694.8	687.7	684.6	681.6
30°	790.4	771.1	756.9	726.3	698.9	676.5	666.3	659.2	655.1	650.0	649.0
32.5°	736.5	725.3	706.0	682.6	661.2	639.9	633.8	628.7	622.6	620.5	619.5
35°	690.7	675.5	663.3	636.8	627.7	609.4	602.2	598.2	590.0	588.0	586.0
37.5°	646.0	631.7	618.5	602.2	584.9	574.8	570.7	564.6	560.5	561.5	559.5
40°	601.2	590.0	579.8	562.6	552.4	547.3	539.2	533.1	531.0	532.0	531.0
42.5°	557.5	547.3	541.2	528.0	517.8	512.7	507.6	501.5	504.6	504.6	507.6
45°	517.8	508.6	504.6	494.4	488.3	480.2	475.1	474.1	478.1	477.1	477.1
47.5°	477.1	474.1	469.0	459.8	451.7	446.6	445.6	445.6	449.6	451.7	450.7
50°	445.6	439.5	433.4	426.2	420.1	418.1	415.0	417.1	421.2	421.2	423.2
52.5°	405.9	401.8	399.8	393.7	389.6	389.6	389.6	390.6	393.7	396.7	395.7
55°	371.3	368.3	366.2	363.2	358.1	359.1	358.1	360.1	363.2	366.2	368.3
57.5°	334.7	333.7	331.6	326.5	326.5	325.5	328.6	329.6	334.7	336.7	339.8
60°	302.1	299.1	299.1	295.0	295.0	295.0	298.1	301.1	305.2	306.2	308.2
62.5°	267.5	267.5	266.5	263.5	263.5	266.5	267.5	271.6	273.6	273.6	276.7
65°	235.0	234.0	233.0	234.0	235.0	235.0	238.0	240.1	242.1	243.1	244.1
67.5°	202.4	201.4	203.5	202.4	204.5	208.5	207.5	210.6	213.6	213.6	214.6
70°	171.9	174.0	172.9	175.0	174.0	176.0	179.0	180.1	180.1	181.1	184.1
72.5°	143.4	143.4	143.4	142.4	143.4	145.5	147.5	148.5	150.6	151.6	154.6
75°	116.0	116.0	113.9	116.0	116.0	118.0	120.0	120.0	120.0	122.1	125.1
77.5°	87.5	88.5	87.5	89.5	89.5	90.5	92.6	91.6	93.6	94.6	95.6
80°	64.1	63.1	63.1	63.1	64.1	64.1	66.1	67.1	67.1	70.2	68.2
82.5°	40.7	41.7	40.7	41.7	41.7	42.7	41.7	42.7	43.7	45.8	44.8
85°	23.4	22.4	22.4	23.4	22.4	22.4	23.4	22.4	23.4	22.4	23.4
87.5°	9.2	8.1	8.1	8.1	8.1	7.1	7.1	6.1	6.1	6.1	5.1
90°	5.6	6.2	6.7	7.6	8.5	9.5	10.4	11.0	11.6	12.1	12.7
92.5°	11.1	10.9	11.1	11.4	11.7	12.1	12.4	12.6	12.9	13.1	13.4
95°	18.5	16.6	17.0	17.8	18.6	19.4	20.2	20.8	21.4	21.9	22.5
97.5°	22.8	18.1	19.0	20.9	22.7	24.6	26.4	26.8	27.1	27.5	27.8
100°	28.6	20.7	21.7	23.7	25.6	27.6	29.6	30.5	31.4	32.3	33.2
102.5°	125.1	125.0	114.5	93.5	72.6	51.6	30.6	31.9	33.1	34.4	35.7
105°	171.5	173.2	157.5	126.0	94.5	63.1	31.6	32.9	34.1	35.4	36.7
107.5°	206.0	207.4	188.0	149.2	110.3	71.5	32.7	34.0	35.2	36.5	37.8
110°	239.4	240.6	223.9	190.6	157.3	124.0	90.7	79.2	67.7	56.2	44.7

TEST NUMBER: P998801

CATALOG NUMBER: SA2XXDIP-B675D530UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	271.2	272.2	271.2	269.3	267.3	265.4	263.4	213.7	164.1	114.4	64.7
115°	306.0	307.0	308.4	311.3	314.2	317.0	319.9	266.5	213.2	159.8	106.5
117.5°	337.9	339.1	340.1	342.0	344.0	345.9	347.9	331.4	315.0	298.5	282.0
120°	369.8	370.7	371.7	373.8	375.9	378.0	380.1	381.5	382.9	384.2	385.6
122.5°	399.4	400.3	401.5	403.8	406.1	408.4	410.7	411.4	412.1	412.8	413.5
125°	427.5	428.3	429.4	431.6	433.7	435.9	438.1	438.9	439.7	440.6	441.4
127.5°	455.0	455.8	456.7	458.4	460.1	461.8	463.5	464.7	465.8	467.0	468.1
130°	481.3	482.2	482.8	484.1	485.4	486.6	487.9	489.2	490.4	491.7	493.0
132.5°	505.8	506.6	507.2	508.5	509.8	511.0	512.3	513.3	514.3	515.4	516.4
135°	529.0	529.9	530.4	531.5	532.5	533.6	534.6	535.8	536.9	538.1	539.2
137.5°	550.0	550.7	551.3	552.4	553.5	554.7	555.8	557.0	558.1	559.3	560.4
140°	570.4	570.9	571.5	572.8	574.1	575.3	576.6	577.6	578.6	579.7	580.7
142.5°	588.6	589.0	589.8	591.3	592.8	594.3	595.8	596.7	597.6	598.5	599.4
145°	604.7	604.6	605.6	607.5	609.5	611.4	613.4	614.2	615.0	615.8	616.6
147.5°	620.8	620.6	621.6	623.6	625.5	627.5	629.5	630.1	630.7	631.2	631.8
150°	635.6	635.2	636.1	638.0	639.8	641.7	643.5	644.2	644.9	645.6	646.3
152.5°	649.1	648.6	649.5	651.2	652.9	654.7	656.4	657.1	657.8	658.5	659.2
155°	662.1	661.6	662.3	663.7	665.0	666.4	667.8	668.5	669.2	669.9	670.6
157.5°	673.5	673.0	673.5	674.6	675.6	676.7	677.7	678.5	679.3	680.1	680.9
160°	683.7	683.4	683.7	684.4	685.1	685.8	686.5	687.2	687.9	688.6	689.3
162.5°	692.0	691.7	692.0	692.6	693.1	693.7	694.3	695.1	695.9	696.7	697.5
165°	699.3	698.9	699.1	699.4	699.8	700.1	700.5	701.3	702.1	702.9	703.7
167.5°	705.0	704.6	704.8	705.1	705.5	705.8	706.2	707.0	707.8	708.6	709.4
170°	709.6	709.3	709.4	709.7	709.9	710.2	710.4	711.2	712.0	712.8	713.6
172.5°	712.7	712.4	712.5	712.8	713.0	713.3	713.5	714.3	715.1	715.9	716.7
175°	714.9	714.5	714.6	714.8	715.1	715.3	715.5	716.3	717.1	718.0	718.8
177.5°	715.9	715.5	715.6	715.7	715.8	716.0	716.1	716.9	717.7	718.5	719.3
180°	716.6	716.6	716.6	716.6	716.6	716.6	716.6	716.6	716.6	716.6	716.6

TEST NUMBER: P998801

CATALOG NUMBER: SA2XXDIP-B675D530UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5
2.5°	1261.4	1264.5	1257.4	1255.3	1257.4	1250.2	1252.3	1254.3	1254.3	1257.4	1259.4
5°	1188.2	1184.1	1177.0	1175.0	1172.9	1176.0	1173.9	1177.0	1178.0	1185.1	1186.1
7.5°	1116.0	1109.9	1103.7	1097.6	1095.6	1090.5	1095.6	1095.6	1102.7	1100.7	1105.8
10°	1030.5	1029.5	1021.3	1018.3	1014.2	1006.1	1017.3	1014.2	1019.3	1028.5	1030.5
12.5°	967.4	956.2	961.3	947.1	952.2	944.0	945.1	945.1	953.2	954.2	952.2
15°	907.4	898.3	885.0	878.9	875.9	871.8	885.0	886.1	879.9	894.2	889.1
17.5°	846.4	846.4	834.2	831.1	823.0	827.0	825.0	826.0	824.0	834.2	839.3
20°	793.5	788.4	784.3	785.3	775.2	773.1	771.1	773.1	780.3	787.4	789.4
22.5°	750.8	747.7	737.5	739.6	731.4	734.5	732.4	737.5	738.5	738.5	745.7
25°	710.1	706.0	707.0	702.9	699.9	699.9	696.8	699.9	704.0	706.0	707.0
27.5°	679.5	676.5	671.4	668.4	670.4	665.3	669.4	672.4	672.4	670.4	672.4
30°	642.9	645.0	645.0	634.8	638.9	636.8	639.9	641.9	641.9	642.9	640.9
32.5°	618.5	612.4	611.4	610.4	610.4	606.3	606.3	609.4	610.4	611.4	614.4
35°	586.0	586.0	580.9	583.9	579.8	580.9	579.8	580.9	582.9	579.8	582.9
37.5°	556.5	557.5	555.4	557.5	558.5	556.5	554.4	558.5	556.5	556.5	554.4
40°	531.0	530.0	531.0	531.0	531.0	532.0	530.0	530.0	530.0	528.0	525.9
42.5°	509.7	503.6	505.6	506.6	503.6	503.6	504.6	503.6	506.6	500.5	500.5
45°	479.1	477.1	478.1	478.1	480.2	477.1	479.1	480.2	477.1	476.1	474.1
47.5°	451.7	453.7	451.7	453.7	453.7	455.7	451.7	452.7	453.7	449.6	446.6
50°	424.2	424.2	427.3	426.2	427.3	425.2	425.2	424.2	425.2	423.2	420.1
52.5°	398.8	395.7	400.8	399.8	398.8	397.8	396.7	397.8	395.7	393.7	393.7
55°	367.2	367.2	370.3	371.3	371.3	369.3	367.2	368.3	367.2	366.2	365.2
57.5°	341.8	337.7	339.8	340.8	340.8	337.7	339.8	337.7	337.7	338.8	335.7
60°	309.3	309.3	307.2	310.3	310.3	308.2	308.2	309.3	307.2	306.2	305.2
62.5°	274.7	275.7	278.7	279.8	280.8	278.7	276.7	277.7	277.7	274.7	275.7
65°	245.2	247.2	251.3	250.3	248.2	249.2	247.2	248.2	245.2	246.2	243.1
67.5°	216.7	215.7	216.7	216.7	218.7	217.7	215.7	215.7	214.6	217.7	214.6
70°	186.2	186.2	186.2	186.2	187.2	188.2	186.2	184.1	185.1	183.1	182.1
72.5°	154.6	155.6	154.6	156.7	153.6	155.6	155.6	154.6	153.6	153.6	153.6
75°	125.1	127.2	124.1	125.1	124.1	126.1	125.1	125.1	123.1	122.1	123.1
77.5°	95.6	96.6	94.6	95.6	94.6	95.6	95.6	94.6	94.6	94.6	94.6
80°	68.2	69.2	68.2	67.1	66.1	68.2	66.1	67.1	68.2	67.1	69.2
82.5°	43.7	43.7	42.7	43.7	41.7	41.7	42.7	42.7	41.7	43.7	41.7
85°	21.4	21.4	23.4	21.4	20.3	20.3	20.3	21.4	20.3	22.4	21.4
87.5°	5.1	4.1	5.1	5.1	4.1	4.1	5.1	4.1	5.1	6.1	4.1
90°	13.0	13.1	13.3	13.6	13.8	14.0	13.8	13.6	13.3	13.1	13.0
92.5°	13.5	13.6	13.7	13.8	13.9	14.0	13.9	13.8	13.7	13.6	13.5
95°	22.8	22.7	22.6	22.5	22.4	22.3	22.4	22.5	22.6	22.7	22.8
97.5°	28.0	28.1	28.2	28.3	28.4	28.5	28.4	28.3	28.2	28.1	28.0
100°	33.7	33.8	34.0	34.3	34.5	34.7	34.5	34.3	34.0	33.8	33.7
102.5°	36.3	36.5	36.8	37.2	37.5	37.9	37.5	37.2	36.8	36.5	36.3
105°	37.3	37.5	38.0	38.5	38.9	39.4	38.9	38.5	38.0	37.5	37.3
107.5°	38.4	38.6	39.1	39.5	40.0	40.4	40.0	39.5	39.1	38.6	38.4
110°	38.9	39.1	39.6	40.1	40.5	41.0	40.5	40.1	39.6	39.1	38.9

TEST NUMBER: P998801

CATALOG NUMBER: SA2XXDIP-B675D530UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	39.9	40.1	40.4	40.8	41.1	41.5	41.1	40.8	40.4	40.1	39.9
115°	79.8	75.7	67.4	59.1	50.8	42.5	50.8	59.1	67.4	75.7	79.8
117.5°	273.8	258.7	228.5	198.3	168.1	137.9	168.1	198.3	228.5	258.7	273.8
120°	386.3	378.5	363.0	347.4	331.9	316.3	331.9	347.4	363.0	378.5	386.3
122.5°	413.8	413.9	414.0	414.1	414.2	414.3	414.2	414.1	414.0	413.9	413.8
125°	441.8	442.0	442.3	442.6	443.0	443.3	443.0	442.6	442.3	442.0	441.8
127.5°	468.7	468.8	468.9	469.0	469.1	469.2	469.1	469.0	468.9	468.8	468.7
130°	493.6	493.5	493.4	493.3	493.2	493.1	493.2	493.3	493.4	493.5	493.6
132.5°	516.9	516.8	516.7	516.6	516.5	516.4	516.5	516.6	516.7	516.8	516.9
135°	539.8	539.7	539.4	539.2	538.9	538.7	538.9	539.2	539.4	539.7	539.8
137.5°	561.0	560.8	560.5	560.2	559.8	559.5	559.8	560.2	560.5	560.8	561.0
140°	581.2	580.9	580.4	579.8	579.3	578.7	579.3	579.8	580.4	580.9	581.2
142.5°	599.9	599.6	599.0	598.5	597.9	597.3	597.9	598.5	599.0	599.6	599.9
145°	617.0	616.7	616.1	615.6	615.0	614.4	615.0	615.6	616.1	616.7	617.0
147.5°	632.1	631.9	631.4	630.9	630.5	630.0	630.5	630.9	631.4	631.9	632.1
150°	646.6	646.3	645.7	645.2	644.6	644.0	644.6	645.2	645.7	646.3	646.6
152.5°	659.5	659.1	658.3	657.5	656.7	655.9	656.7	657.5	658.3	659.1	659.5
155°	670.9	670.4	669.5	668.6	667.7	666.8	667.7	668.6	669.5	670.4	670.9
157.5°	681.3	680.8	679.9	679.0	678.1	677.2	678.1	679.0	679.9	680.8	681.3
160°	689.6	689.2	688.4	687.6	686.8	686.0	686.8	687.6	688.4	689.2	689.6
162.5°	697.9	697.4	696.3	695.3	694.2	693.2	694.2	695.3	696.3	697.4	697.9
165°	704.1	703.7	702.9	702.1	701.3	700.5	701.3	702.1	702.9	703.7	704.1
167.5°	709.8	709.3	708.3	707.2	706.2	705.2	706.2	707.2	708.3	709.3	709.8
170°	714.0	713.5	712.4	711.4	710.3	709.3	710.3	711.4	712.4	713.5	714.0
172.5°	717.1	716.6	715.5	714.5	713.4	712.4	713.4	714.5	715.5	716.6	717.1
175°	719.2	718.6	717.5	716.3	715.2	714.0	715.2	716.3	717.5	718.6	719.2
177.5°	719.7	719.2	718.1	717.1	716.0	715.0	716.0	717.1	718.1	719.2	719.7
180°	716.6	716.6	716.6	716.6	716.6	716.6	716.6	716.6	716.6	716.6	716.6

TEST NUMBER: P998801

CATALOG NUMBER: SA2XXDIP-B675D530UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5
2.5°	1256.3	1264.5	1261.4	1250.2	1263.5	1263.5	1272.6	1272.6	1283.8	1287.9	1294.0
5°	1185.1	1191.2	1196.3	1191.2	1200.4	1214.6	1222.8	1229.9	1245.1	1251.3	1260.4
7.5°	1108.8	1120.0	1125.1	1125.1	1140.4	1156.6	1172.9	1183.1	1204.5	1212.6	1221.8
10°	1034.6	1047.8	1058.0	1057.0	1082.4	1092.6	1112.9	1136.3	1157.7	1169.9	1183.1
12.5°	956.2	963.4	977.6	998.0	1004.1	1022.4	1045.8	1075.3	1113.9	1125.1	1144.4
15°	891.1	910.5	921.7	930.8	945.1	962.3	987.8	1016.3	1054.9	1079.3	1099.7
17.5°	836.2	861.6	868.8	866.7	885.0	911.5	941.0	962.3	996.9	1026.4	1045.8
20°	791.4	801.6	813.8	818.9	833.2	861.6	890.1	914.5	943.0	966.4	988.8
22.5°	746.7	754.8	765.0	774.1	785.3	801.6	829.1	859.6	887.1	909.4	934.9
25°	710.1	715.1	724.3	731.4	743.6	754.8	774.1	807.7	840.3	853.5	875.9
27.5°	674.5	678.5	684.6	692.8	698.9	710.1	727.4	754.8	788.4	801.6	832.1
30°	642.9	646.0	652.1	656.1	659.2	672.4	685.6	707.0	732.4	750.8	773.1
32.5°	613.4	616.5	622.6	623.6	627.7	634.8	647.0	666.3	688.7	704.0	723.3
35°	580.9	582.9	589.0	591.0	594.1	600.2	609.4	623.6	643.9	655.1	672.4
37.5°	555.4	554.4	558.5	561.5	565.6	568.7	571.7	586.0	601.2	611.4	624.6
40°	528.0	525.9	527.0	531.0	533.1	537.1	537.1	551.4	561.5	569.7	579.8
42.5°	500.5	499.5	497.4	499.5	501.5	502.5	503.6	513.7	523.9	531.0	542.2
45°	473.0	472.0	470.0	471.0	471.0	473.0	476.1	480.2	487.3	493.4	499.5
47.5°	447.6	445.6	442.5	441.5	443.5	443.5	443.5	447.6	454.7	456.8	462.9
50°	421.2	418.1	414.0	412.0	412.0	411.0	413.0	414.0	420.1	422.2	427.3
52.5°	392.7	390.6	386.6	382.5	383.5	381.5	382.5	383.5	385.5	388.6	391.7
55°	364.2	360.1	357.1	356.0	353.0	353.0	349.9	354.0	353.0	354.0	358.1
57.5°	336.7	332.7	327.6	325.5	322.5	321.5	319.4	318.4	319.4	322.5	325.5
60°	304.2	302.1	299.1	296.0	294.0	290.9	288.9	288.9	287.9	287.9	288.9
62.5°	272.6	271.6	267.5	266.5	264.5	262.5	259.4	257.4	257.4	259.4	260.4
65°	242.1	241.1	238.0	237.0	231.9	229.9	228.9	227.9	225.8	225.8	225.8
67.5°	213.6	210.6	210.6	205.5	201.4	199.4	197.4	196.3	196.3	196.3	197.4
70°	182.1	182.1	179.0	176.0	171.9	172.9	169.9	166.8	166.8	164.8	165.8
72.5°	151.6	150.6	147.5	146.5	143.4	140.4	138.3	140.4	137.3	136.3	137.3
75°	122.1	121.1	119.0	117.0	118.0	115.0	111.9	110.9	110.9	108.8	108.8
77.5°	93.6	95.6	91.6	90.5	88.5	86.5	85.5	84.4	84.4	84.4	86.5
80°	65.1	66.1	66.1	64.1	65.1	62.1	62.1	62.1	59.0	60.0	61.0
82.5°	41.7	41.7	40.7	41.7	40.7	40.7	39.7	39.7	38.7	38.7	39.7
85°	23.4	22.4	21.4	23.4	22.4	22.4	21.4	21.4	21.4	21.4	21.4
87.5°	5.1	6.1	6.1	6.1	6.1	7.1	7.1	7.1	8.1	8.1	8.1
90°	12.7	12.1	11.6	11.0	10.4	9.5	8.5	7.6	6.7	6.2	5.6
92.5°	13.4	13.1	12.9	12.6	12.4	12.1	11.7	11.4	11.1	10.9	11.1
95°	22.5	21.9	21.4	20.8	20.2	19.4	18.6	17.8	17.0	16.6	18.5
97.5°	27.8	27.5	27.1	26.8	26.4	24.6	22.7	20.9	19.0	18.1	22.8
100°	33.2	32.3	31.4	30.5	29.6	27.6	25.6	23.7	21.7	20.7	28.6
102.5°	35.7	34.4	33.1	31.9	30.6	51.6	72.6	93.5	114.5	125.0	125.1
105°	36.7	35.4	34.1	32.9	31.6	63.1	94.5	126.0	157.5	173.2	171.5
107.5°	37.8	36.5	35.2	34.0	32.7	71.5	110.3	149.2	188.0	207.4	206.0
110°	44.7	56.2	67.7	79.2	90.7	124.0	157.3	190.6	223.9	240.6	239.4

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CATALOG NUMBER: SA2XXDIP-B675D530UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	64.7	114.4	164.1	213.7	263.4	265.4	267.3	269.3	271.2	272.2	271.2
115°	106.5	159.8	213.2	266.5	319.9	317.0	314.2	311.3	308.4	307.0	306.0
117.5°	282.0	298.5	315.0	331.4	347.9	345.9	344.0	342.0	340.1	339.1	337.9
120°	385.6	384.2	382.9	381.5	380.1	378.0	375.9	373.8	371.7	370.7	369.8
122.5°	413.5	412.8	412.1	411.4	410.7	408.4	406.1	403.8	401.5	400.3	399.4
125°	441.4	440.6	439.7	438.9	438.1	435.9	433.7	431.6	429.4	428.3	427.5
127.5°	468.1	467.0	465.8	464.7	463.5	461.8	460.1	458.4	456.7	455.8	455.0
130°	493.0	491.7	490.4	489.2	487.9	486.6	485.4	484.1	482.8	482.2	481.3
132.5°	516.4	515.4	514.3	513.3	512.3	511.0	509.8	508.5	507.2	506.6	505.8
135°	539.2	538.1	536.9	535.8	534.6	533.6	532.5	531.5	530.4	529.9	529.0
137.5°	560.4	559.3	558.1	557.0	555.8	554.7	553.5	552.4	551.3	550.7	550.0
140°	580.7	579.7	578.6	577.6	576.6	575.3	574.1	572.8	571.5	570.9	570.4
142.5°	599.4	598.5	597.6	596.7	595.8	594.3	592.8	591.3	589.8	589.0	588.6
145°	616.6	615.8	615.0	614.2	613.4	611.4	609.5	607.5	605.6	604.6	604.7
147.5°	631.8	631.2	630.7	630.1	629.5	627.5	625.5	623.6	621.6	620.6	620.8
150°	646.3	645.6	644.9	644.2	643.5	641.7	639.8	638.0	636.1	635.2	635.6
152.5°	659.2	658.5	657.8	657.1	656.4	654.7	652.9	651.2	649.5	648.6	649.1
155°	670.6	669.9	669.2	668.5	667.8	666.4	665.0	663.7	662.3	661.6	662.1
157.5°	680.9	680.1	679.3	678.5	677.7	676.7	675.6	674.6	673.5	673.0	673.5
160°	689.3	688.6	687.9	687.2	686.5	685.8	685.1	684.4	683.7	683.4	683.7
162.5°	697.5	696.7	695.9	695.1	694.3	693.7	693.1	692.6	692.0	691.7	692.0
165°	703.7	702.9	702.1	701.3	700.5	700.1	699.8	699.4	699.1	698.9	699.3
167.5°	709.4	708.6	707.8	707.0	706.2	705.8	705.5	705.1	704.8	704.6	705.0
170°	713.6	712.8	712.0	711.2	710.4	710.2	709.9	709.7	709.4	709.3	709.6
172.5°	716.7	715.9	715.1	714.3	713.5	713.3	713.0	712.8	712.5	712.4	712.7
175°	718.8	718.0	717.1	716.3	715.5	715.3	715.1	714.8	714.6	714.5	714.9
177.5°	719.3	718.5	717.7	716.9	716.1	716.0	715.8	715.7	715.6	715.5	715.9
180°	716.6	716.6	716.6	716.6	716.6	716.6	716.6	716.6	716.6	716.6	716.6

TEST NUMBER: P998801

CATALOG NUMBER: SA2XXDIP-B675D530UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1323.5	1323.5	1323.5	1323.5
2.5°	1299.1	1299.1	1314.3	1330.6
5°	1270.6	1277.7	1302.1	1324.5
7.5°	1243.1	1255.3	1285.8	1314.3
10°	1209.5	1225.8	1263.5	1297.0
12.5°	1177.0	1192.3	1236.0	1273.6
15°	1131.2	1150.5	1197.3	1244.1
17.5°	1085.4	1104.8	1161.7	1216.7
20°	1031.5	1057.0	1121.0	1194.3
22.5°	981.7	1013.2	1084.4	1143.4
25°	926.7	975.6	1041.7	1118.0
27.5°	877.9	926.7	993.9	1071.2
30°	823.0	872.8	942.0	1013.2
32.5°	770.1	815.9	883.0	970.5
35°	715.1	758.9	824.0	912.5
37.5°	665.3	708.0	779.2	860.6
40°	616.5	661.2	722.3	803.7
42.5°	570.7	610.4	665.3	746.7
45°	529.0	557.5	608.3	684.6
47.5°	485.2	510.7	557.5	633.8
50°	444.6	465.9	506.6	577.8
52.5°	404.9	423.2	460.8	517.8
55°	369.3	386.6	414.0	470.0
57.5°	332.7	345.9	372.3	417.1
60°	297.0	309.3	330.6	367.2
62.5°	261.4	271.6	292.0	321.5
65°	229.9	238.0	253.3	278.7
67.5°	199.4	204.5	216.7	237.0
70°	169.9	174.0	184.1	200.4
72.5°	138.3	142.4	153.6	164.8
75°	111.9	112.9	121.1	130.2
77.5°	87.5	86.5	92.6	99.7
80°	60.0	63.1	68.2	71.2
82.5°	40.7	41.7	43.7	45.8
85°	22.4	23.4	23.4	26.4
87.5°	9.2	10.2	10.2	11.2
90°	4.3	3.0	1.8	0.5
92.5°	11.6	12.1	12.5	13.0
95°	22.3	26.1	29.9	33.7
97.5°	32.3	41.8	51.2	60.7
100°	44.4	60.2	76.0	91.8
102.5°	125.3	125.6	125.8	126.0
105°	168.0	164.5	161.1	157.6
107.5°	203.1	200.2	197.3	194.4
110°	237.0	234.5	232.1	229.7



TEST NUMBER: P998801

CATALOG NUMBER: SA2XXDIP-B675D530UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	269.1	267.0	265.0	262.9
115°	304.0	302.1	300.1	298.1
117.5°	335.6	333.3	331.0	328.7
120°	368.1	366.4	364.7	363.0
122.5°	397.5	395.7	393.8	392.0
125°	426.0	424.5	423.0	421.5
127.5°	453.4	451.7	450.1	448.5
130°	479.4	477.6	475.7	473.9
132.5°	504.3	502.8	501.3	499.8
135°	527.1	525.3	523.4	521.6
137.5°	548.6	547.2	545.8	544.4
140°	569.5	568.6	567.6	566.7
142.5°	587.8	587.0	586.2	585.4
145°	604.8	604.9	605.0	605.1
147.5°	621.1	621.5	621.8	622.2
150°	636.4	637.2	638.0	638.8
152.5°	650.0	650.9	651.9	652.8
155°	663.2	664.2	665.3	666.3
157.5°	674.4	675.3	676.3	677.2
160°	684.4	685.1	685.8	686.5
162.5°	692.7	693.4	694.1	694.8
165°	700.0	700.7	701.4	702.1
167.5°	705.7	706.4	707.1	707.8
170°	710.3	711.0	711.7	712.4
172.5°	713.4	714.1	714.8	715.5
175°	715.7	716.5	717.3	718.1
177.5°	716.7	717.6	718.4	719.2
180°	716.6	716.6	716.6	716.6



TEST NUMBER: P998801

CATALOG NUMBER: SA2XXDIP-B675D530UB2750-4F0-XX-W2A-A_2700K

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	17.14	18.04	18.04	18.95	20.10	14.64	15.54	15.53	16.44	17.60
	3H	17.96	18.76	18.86	19.68	20.86	15.98	16.79	16.89	17.71	18.88
	4H	18.13	18.89	19.05	19.81	21.00	16.45	17.21	17.37	18.13	19.32
	6H	18.18	18.88	19.11	19.80	21.00	16.76	17.46	17.69	18.39	19.59
	8H	18.16	18.82	19.09	19.77	20.97	16.84	17.51	17.78	18.45	19.65
	12H	18.12	18.75	19.06	19.69	20.92	16.89	17.52	17.83	18.46	19.68
4H	2H	17.19	17.95	18.11	18.87	20.06	15.09	15.85	16.01	16.77	17.96
	3H	18.17	18.81	19.11	19.76	20.96	16.55	17.18	17.49	18.14	19.34
	4H	18.45	19.03	19.40	19.98	21.20	17.09	17.66	18.03	18.61	19.84
	6H	18.59	19.08	19.54	20.05	21.28	17.47	17.97	18.43	18.94	20.16
	8H	18.58	19.05	19.54	20.01	21.25	17.58	18.04	18.54	19.01	20.25
	12H	18.55	18.97	19.53	19.95	21.19	17.64	18.06	18.62	19.04	20.28
8H	4H	18.46	18.93	19.42	19.89	21.13	17.23	17.70	18.19	18.66	19.90
	6H	18.65	19.03	19.63	20.03	21.27	17.67	18.05	18.65	19.06	20.30
	8H	18.68	19.01	19.67	20.01	21.26	17.82	18.16	18.81	19.15	20.41
	12H	18.66	18.96	19.66	19.95	21.25	17.91	18.21	18.91	19.20	20.50
12H	4H	18.42	18.84	19.40	19.82	21.07	17.21	17.63	18.19	18.61	19.85
	6H	18.62	18.96	19.62	19.96	21.21	17.67	18.01	18.66	19.00	20.26
	8H	18.66	18.95	19.65	19.94	21.25	17.83	18.12	18.83	19.11	20.42