

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: P998865

Luminaire Tested: SA2XXDIP-B675D725UB2750-4F0-XX-W2A-A_5000K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P998865
REPORT IS A COMBINATION OF REPORTS P984611 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXDIP-B675D725UB2750-4F0-XX-W2A-A_5000K
Description: Define 2 Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

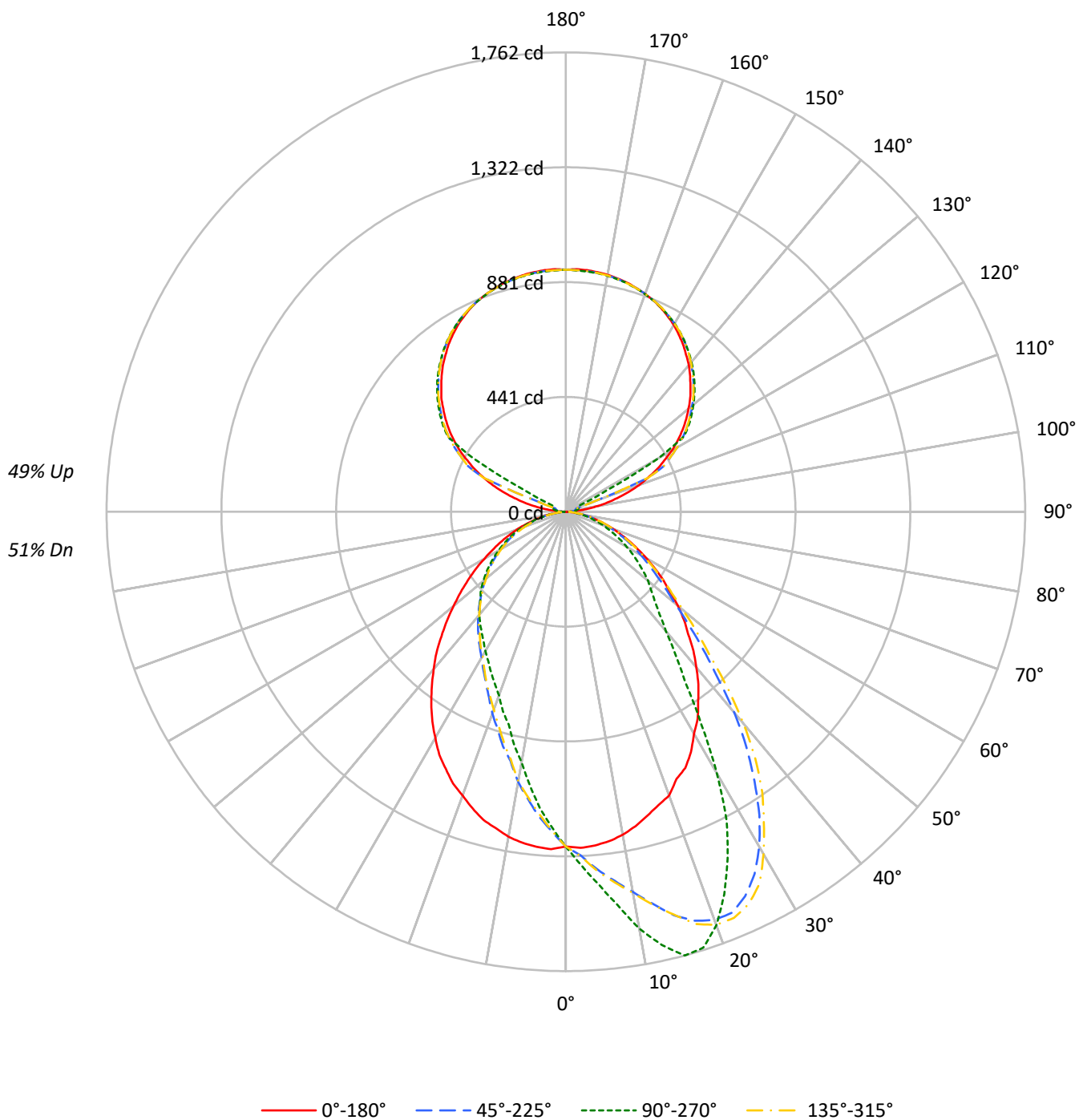
Lumens per Lamp: N/A
Luminaire Lumens: 5555.0 lumens
Efficiency: N/A
Efficacy: 97.5 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 57
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P998865

CATALOG NUMBER: SA2XXDIP-B675D725UB2750-4F0-XX-W2A-A_5000K

Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	20318	20318	20318	20318
5°	20367	21665	20445	17235
10°	20130	23650	20257	14211
15°	19642	24945	19915	11969
20°	19336	23422	19336	10403
25°	18720	20122	18804	9304
30°	17706	15818	18043	8427
35°	16808	10938	17089	7711
40°	15774	8258	15954	7139
45°	14502	6787	14738	6522
50°	13401	5956	13425	5970
55°	12145	5075	12225	5371
60°	10809	4239	10957	4687
65°	9609	3448	9787	4003
70°	8419	2705	8631	3229
75°	7065	1964	7339	2341
80°	5517	1245	5908	1390
85°	3630	626	3899	463

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 21003 cd/sqm

TEST NUMBER: P998865

CATALOG NUMBER: SA2XXDIP-B675D725UB2750-4F0-XX-W2A-A_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	122.3	2.2
10°-20°	355.8	6.4
20°-30°	516.4	9.3
30°-40°	544.4	9.8
40°-50°	481.8	8.7
50°-60°	384.7	6.9
60°-70°	261.3	4.7
70°-80°	133.7	2.4
80°-90°	33.2	0.6
90°-100°	30.6	0.6
100°-110°	114.1	2.1
110°-120°	302.6	5.4
120°-130°	501.9	9.0
130°-140°	533.2	9.6
140°-150°	495.5	8.9
150°-160°	398.4	7.2
160°-170°	256.7	4.6
170°-180°	88.4	1.6
0°-30°	994.6	17.9
0°-40°	1539.0	27.7
0°-60°	2405.4	43.3
0°-90°	2833.6	51.0
90°-120°	447.4	8.1
90°-150°	1977.9	35.6
90°-180°	2721.0	49.0
0°-180°	5555.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1284	1284	1284	1284	1284	
5°	1285	1434	1290	1140	1285	122
15°	1207	1762	1223	846	1207	341
25°	1084	1468	1089	679	1084	496
35°	885	799	900	563	885	554
45°	664	482	675	463	664	515
55°	456	338	459	358	456	407
65°	270	208	275	242	270	269
75°	126	103	131	122	126	136
85°	26	27	28	20	26	30
90°	1	18	1	18	1	4
95°	44	29	44	29	44	52
105°	204	51	204	51	204	218
115°	386	55	386	55	386	380
125°	546	574	546	574	546	487
135°	676	698	676	698	676	522
145°	784	796	784	796	784	490
155°	863	864	863	864	863	398
165°	910	907	910	907	910	257
175°	930	925	930	925	930	89
180°	928	928	928	928	928	

TEST NUMBER: P998865

CATALOG NUMBER: SA2XXDIP-B675D725UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6
2.5°	1290.5	1293.5	1298.4	1299.4	1309.2	1317.1	1326.0	1326.0	1329.0	1328.0	1320.1
5°	1284.6	1293.5	1306.3	1317.1	1334.9	1342.8	1354.6	1363.5	1371.4	1377.3	1376.3
7.5°	1274.7	1290.5	1309.2	1330.0	1353.6	1367.5	1384.2	1400.0	1410.9	1420.7	1427.6
10°	1257.9	1284.6	1310.2	1337.9	1368.4	1387.2	1406.9	1427.6	1444.4	1463.2	1480.9
12.5°	1235.2	1273.7	1305.3	1341.8	1379.3	1400.0	1431.6	1447.4	1479.9	1527.3	1540.1
15°	1206.6	1258.9	1288.5	1334.9	1384.2	1401.0	1444.4	1470.1	1537.2	1566.8	1602.3
17.5°	1180.0	1238.2	1277.7	1331.0	1379.3	1411.9	1454.3	1506.6	1562.8	1605.2	1644.7
20°	1158.3	1214.5	1261.9	1321.1	1382.3	1423.7	1468.1	1531.2	1592.4	1635.8	1666.4
22.5°	1109.0	1181.0	1236.2	1302.3	1376.3	1433.6	1476.0	1545.0	1611.2	1637.8	1664.4
25°	1084.3	1146.5	1210.6	1285.6	1372.4	1440.5	1477.0	1553.9	1612.1	1622.0	1627.9
27.5°	1038.9	1109.0	1183.9	1269.8	1371.4	1428.6	1475.0	1545.0	1591.4	1584.5	1566.8
30°	982.7	1068.5	1151.4	1244.1	1357.6	1419.7	1463.2	1527.3	1551.0	1515.5	1483.9
32.5°	941.2	1022.1	1113.9	1221.4	1341.8	1401.0	1443.4	1493.7	1498.7	1434.5	1381.3
35°	885.0	974.8	1078.4	1191.8	1315.2	1368.4	1407.9	1438.5	1414.8	1325.0	1261.9
37.5°	834.7	923.5	1034.0	1149.4	1278.7	1331.0	1362.5	1367.5	1309.2	1230.3	1137.6
40°	779.4	871.2	986.6	1108.0	1238.2	1283.6	1303.3	1288.5	1204.7	1112.9	1005.4
42.5°	724.2	814.9	939.3	1063.6	1186.9	1225.4	1233.3	1192.8	1090.2	982.7	858.4
45°	664.0	758.7	883.0	1008.3	1127.7	1149.4	1150.4	1092.2	970.8	858.4	742.9
47.5°	614.7	702.5	825.8	951.1	1051.7	1066.5	1060.6	993.5	861.3	735.0	634.4
50°	560.4	644.3	766.6	889.9	975.8	979.7	964.9	869.2	740.0	624.5	544.6
52.5°	502.2	587.0	699.5	817.9	894.9	888.9	860.3	757.7	636.4	540.7	479.5
55°	455.8	530.8	636.4	751.8	806.1	789.3	757.7	653.1	557.4	476.5	423.3
57.5°	404.5	470.6	574.2	674.8	706.4	690.6	659.1	561.4	472.6	411.4	375.9
60°	356.2	416.4	507.1	591.0	615.7	598.9	562.4	474.6	410.4	359.1	332.5
62.5°	311.8	364.1	440.0	517.0	526.9	510.1	478.5	407.5	352.2	311.8	292.0
65°	270.3	319.7	380.8	439.0	447.9	430.2	397.6	346.3	299.9	274.3	255.5
67.5°	229.9	269.3	323.6	366.0	371.0	354.2	327.6	286.1	257.5	229.9	216.1
70°	194.4	224.0	266.4	300.9	302.9	287.1	273.3	235.8	214.1	194.4	183.5
72.5°	159.8	180.6	213.1	238.8	239.7	229.9	217.1	193.4	174.6	160.8	150.0
75°	126.3	144.0	163.8	186.5	185.5	177.6	167.7	152.9	137.1	128.3	123.3
77.5°	96.7	107.5	123.3	138.1	138.1	134.2	128.3	117.4	107.5	98.7	93.7
80°	69.1	76.0	88.8	93.7	95.7	94.7	89.8	81.9	77.9	71.0	69.1
82.5°	44.4	49.3	55.3	60.2	63.1	61.2	60.2	56.2	50.3	48.3	46.4
85°	25.7	27.6	30.6	33.5	34.5	33.5	35.5	32.6	29.6	29.6	28.6
87.5°	10.9	11.8	13.8	13.8	14.8	14.8	13.8	14.8	14.8	13.8	12.8
90°	0.7	2.3	4.0	5.6	7.3	8.1	8.7	9.9	11.0	12.2	13.4
92.5°	16.8	16.2	15.6	15.0	14.4	14.1	14.3	14.8	15.2	15.7	16.1
95°	43.7	38.8	33.8	28.9	24.0	21.5	22.0	23.1	24.1	25.2	26.2
97.5°	78.6	66.4	54.1	41.9	29.6	23.5	24.7	27.1	29.5	31.9	34.3
100°	118.9	98.5	78.0	57.6	37.1	26.9	28.2	30.7	33.2	35.8	38.3
102.5°	163.2	162.9	162.6	162.3	162.0	161.9	148.3	121.1	94.0	66.8	39.6
105°	204.2	208.7	213.1	217.6	222.1	224.3	203.9	163.2	122.5	81.7	41.0
107.5°	251.9	255.6	259.4	263.1	266.8	268.7	243.5	193.2	142.9	92.6	42.3
110°	297.6	300.7	303.9	307.0	310.1	311.7	290.1	247.0	203.8	160.7	117.5

TEST NUMBER: P998865

CATALOG NUMBER: SA2XXDIP-B675D725UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	340.5	343.2	345.9	348.6	351.3	352.6	351.3	348.8	346.3	343.7	341.2
115°	386.2	388.7	391.3	393.8	396.3	397.6	399.5	403.2	406.9	410.7	414.4
117.5°	425.8	428.8	431.8	434.8	437.8	439.3	440.6	443.1	445.6	448.2	450.7
120°	470.2	472.4	474.7	476.9	479.2	480.3	481.6	484.3	487.0	489.6	492.3
122.5°	507.8	510.2	512.6	514.9	517.3	518.5	520.0	523.0	526.0	529.0	532.0
125°	546.1	548.0	550.0	551.9	553.8	554.8	556.2	559.1	561.9	564.8	567.6
127.5°	581.0	583.1	585.2	587.3	589.4	590.4	591.5	593.8	596.0	598.3	600.5
130°	613.9	616.3	618.7	621.1	623.5	624.7	625.5	627.2	628.8	630.5	632.1
132.5°	647.5	649.4	651.4	653.3	655.2	656.2	657.0	658.7	660.3	662.0	663.6
135°	675.7	678.1	680.5	682.9	685.3	686.5	687.2	688.5	689.8	691.2	692.5
137.5°	705.3	707.1	708.9	710.6	712.4	713.3	714.0	715.5	717.0	718.5	720.0
140°	734.2	735.4	736.6	737.7	738.9	739.5	740.3	742.0	743.6	745.3	746.9
142.5°	758.3	759.3	760.4	761.4	762.5	763.0	764.0	765.9	767.9	769.8	771.8
145°	783.9	783.7	783.6	783.4	783.3	783.2	784.5	787.0	789.5	792.1	794.6
147.5°	806.0	805.6	805.1	804.7	804.2	804.0	805.3	807.8	810.3	812.9	815.4
150°	827.5	826.5	825.4	824.4	823.3	822.8	824.0	826.4	828.8	831.2	833.6
152.5°	845.7	844.5	843.3	842.1	840.9	840.3	841.4	843.7	845.9	848.2	850.4
155°	863.1	861.8	860.4	859.1	857.8	857.1	858.0	859.8	861.5	863.3	865.1
157.5°	877.2	876.0	874.8	873.6	872.4	871.8	872.5	873.8	875.2	876.5	877.9
160°	889.3	888.4	887.5	886.6	885.7	885.3	885.7	886.6	887.5	888.4	889.3
162.5°	900.1	899.2	898.3	897.4	896.5	896.0	896.4	897.1	897.9	898.6	899.4
165°	909.5	908.6	907.7	906.8	905.9	905.4	905.6	906.1	906.5	907.0	907.4
167.5°	916.9	916.0	915.1	914.2	913.3	912.8	913.0	913.5	913.9	914.4	914.8
170°	922.9	922.0	921.1	920.2	919.3	918.9	919.0	919.3	919.6	919.9	920.2
172.5°	926.9	926.0	925.1	924.2	923.3	922.9	923.0	923.3	923.6	923.9	924.2
175°	930.3	929.3	928.2	927.2	926.1	925.6	925.7	926.0	926.3	926.6	926.9
177.5°	931.6	930.6	929.5	928.5	927.4	926.9	927.0	927.1	927.3	927.4	927.6
180°	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3

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CATALOG NUMBER: SA2XXDIP-B675D725UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6
2.5°	1333.9	1334.9	1336.9	1346.7	1351.7	1352.7	1348.7	1357.6	1360.6	1357.6	1355.6
5°	1397.1	1403.0	1414.8	1427.6	1426.7	1427.6	1433.6	1439.5	1441.5	1433.6	1436.5
7.5°	1452.3	1464.1	1477.0	1496.7	1496.7	1506.6	1510.5	1515.5	1527.3	1521.4	1519.4
10°	1515.5	1531.2	1554.9	1586.5	1587.5	1597.3	1607.2	1623.0	1627.9	1624.0	1626.0
12.5°	1594.4	1625.0	1626.9	1661.5	1677.3	1679.2	1695.0	1692.1	1701.9	1701.9	1718.7
15°	1628.9	1676.3	1702.9	1736.5	1746.3	1734.5	1747.3	1761.1	1762.1	1762.1	1761.1
17.5°	1691.1	1709.8	1736.5	1754.2	1758.2	1758.2	1759.1	1765.1	1761.1	1753.2	1759.1
20°	1703.9	1711.8	1721.7	1719.7	1721.7	1711.8	1701.9	1692.1	1693.0	1688.1	1702.9
22.5°	1680.2	1678.2	1655.6	1640.8	1640.8	1621.0	1602.3	1593.4	1584.5	1587.5	1592.4
25°	1621.0	1590.4	1562.8	1541.1	1536.2	1504.6	1478.9	1471.1	1456.3	1468.1	1470.1
27.5°	1526.3	1491.8	1447.4	1428.6	1403.0	1390.1	1372.4	1348.7	1318.1	1335.9	1332.9
30°	1424.7	1373.4	1336.9	1291.5	1251.0	1248.1	1214.5	1175.1	1159.3	1159.3	1168.2
32.5°	1311.2	1243.1	1189.9	1125.7	1086.3	1069.5	1029.0	989.6	998.5	968.9	979.7
35°	1179.0	1089.2	1022.1	960.0	930.4	910.7	858.4	836.7	813.0	799.2	824.8
37.5°	1052.7	949.1	863.3	795.2	784.4	748.8	713.3	699.5	685.7	691.6	690.6
40°	898.8	807.1	730.1	676.8	658.1	641.3	617.6	600.9	592.0	596.9	597.9
42.5°	759.7	682.7	625.5	588.0	572.2	560.4	548.6	534.7	531.8	531.8	535.7
45°	652.2	589.0	550.5	519.9	511.1	502.2	493.3	487.4	485.4	481.5	484.4
47.5°	566.3	516.0	492.3	469.6	459.8	457.8	449.9	446.9	443.0	442.0	443.0
50°	494.3	462.7	441.0	428.2	421.3	418.3	414.4	408.5	406.5	411.4	409.4
52.5°	444.0	414.4	402.5	389.7	385.8	381.8	375.9	376.9	375.9	373.9	373.9
55°	393.7	374.9	363.1	353.2	352.2	348.3	343.3	341.4	340.4	338.4	341.4
57.5°	353.2	338.4	327.6	318.7	314.7	314.7	309.8	305.9	305.9	304.9	305.9
60°	312.8	298.0	291.1	282.2	279.2	278.2	275.3	273.3	270.3	270.3	270.3
62.5°	275.3	263.4	255.5	247.6	248.6	243.7	239.7	237.8	237.8	238.8	238.8
65°	239.7	231.9	222.0	215.1	213.1	212.1	210.2	209.2	206.2	208.2	208.2
67.5°	207.2	196.3	190.4	187.5	184.5	183.5	181.5	179.6	178.6	177.6	179.6
70°	174.6	165.8	160.8	158.8	155.9	154.9	153.9	151.0	151.9	152.9	153.9
72.5°	145.0	137.1	136.2	130.2	130.2	130.2	126.3	128.3	127.3	125.3	127.3
75°	114.4	110.5	108.5	105.6	106.6	105.6	104.6	101.6	101.6	102.6	103.6
77.5°	90.8	86.8	85.8	82.9	80.9	82.9	80.9	79.9	79.9	80.9	80.9
80°	67.1	65.1	62.2	62.2	62.2	61.2	61.2	61.2	60.2	59.2	60.2
82.5°	44.4	44.4	43.4	42.4	43.4	41.4	42.4	42.4	42.4	42.4	42.4
85°	28.6	27.6	27.6	26.6	26.6	26.6	27.6	25.7	25.7	26.6	26.6
87.5°	12.8	12.8	12.8	13.8	12.8	12.8	12.8	13.8	12.8	12.8	12.8
90°	14.2	14.9	15.7	16.4	16.8	16.9	17.2	17.5	17.8	18.1	17.8
92.5°	16.4	16.7	17.0	17.3	17.5	17.6	17.7	17.8	18.0	18.1	18.0
95°	27.0	27.7	28.5	29.2	29.6	29.5	29.4	29.2	29.1	28.9	29.1
97.5°	34.7	35.2	35.6	36.1	36.3	36.4	36.5	36.6	36.8	36.9	36.8
100°	39.5	40.7	41.9	43.1	43.7	43.8	44.1	44.4	44.7	45.0	44.7
102.5°	41.2	42.9	44.5	46.2	47.0	47.2	47.7	48.1	48.6	49.0	48.6
105°	42.6	44.3	45.9	47.6	48.4	48.7	49.3	49.8	50.4	51.0	50.4
107.5°	43.9	45.6	47.2	48.9	49.7	50.0	50.6	51.2	51.8	52.4	51.8
110°	102.6	87.7	72.8	57.9	50.4	50.7	51.3	51.9	52.5	53.1	52.5

TEST NUMBER: P998865

CATALOG NUMBER: SA2XXDIP-B675D725UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	276.9	212.5	148.2	83.9	51.7	51.9	52.4	52.8	53.3	53.7	53.3
115°	345.3	276.2	207.1	138.0	103.4	98.0	87.3	76.6	65.8	55.1	65.8
117.5°	429.4	408.0	386.7	365.4	354.7	335.1	296.0	256.9	217.8	178.7	217.8
120°	494.1	495.9	497.7	499.5	500.4	490.3	470.2	450.0	429.9	409.7	429.9
122.5°	532.9	533.8	534.7	535.6	536.0	536.1	536.2	536.4	536.5	536.7	536.5
125°	568.6	569.7	570.7	571.8	572.3	572.5	573.0	573.4	573.9	574.3	573.9
127.5°	602.0	603.5	605.0	606.5	607.2	607.3	607.4	607.6	607.7	607.9	607.7
130°	633.7	635.3	637.0	638.6	639.4	639.3	639.2	639.1	638.9	638.8	638.9
132.5°	665.0	666.3	667.7	669.0	669.7	669.6	669.5	669.3	669.2	669.0	669.2
135°	694.0	695.5	697.0	698.5	699.2	699.1	698.8	698.5	698.2	697.9	698.2
137.5°	721.5	723.0	724.5	726.0	726.8	726.6	726.1	725.7	725.2	724.8	725.2
140°	748.3	749.6	751.0	752.3	753.0	752.6	751.9	751.1	750.4	749.6	750.4
142.5°	773.0	774.2	775.3	776.5	777.1	776.7	776.0	775.3	774.5	773.8	774.5
145°	795.6	796.7	797.7	798.8	799.3	798.9	798.2	797.4	796.7	795.9	796.7
147.5°	816.2	816.9	817.7	818.4	818.8	818.5	817.9	817.3	816.7	816.1	816.7
150°	834.5	835.4	836.3	837.2	837.6	837.2	836.5	835.7	835.0	834.2	835.0
152.5°	851.3	852.2	853.1	854.0	854.4	853.9	852.8	851.8	850.7	849.7	850.7
155°	866.0	866.9	867.8	868.7	869.2	868.6	867.4	866.2	865.0	863.8	865.0
157.5°	878.9	880.0	881.0	882.1	882.6	882.0	880.8	879.6	878.4	877.2	878.4
160°	890.2	891.1	892.0	892.9	893.3	892.8	891.7	890.7	889.6	888.6	889.6
162.5°	900.4	901.5	902.5	903.6	904.1	903.4	902.1	900.7	899.4	898.0	899.4
165°	908.5	909.5	910.6	911.7	912.2	911.7	910.6	909.5	908.5	907.4	908.5
167.5°	915.8	916.9	917.9	919.0	919.5	918.8	917.5	916.2	914.8	913.5	914.8
170°	921.2	922.3	923.3	924.4	924.9	924.2	922.9	921.6	920.2	918.9	920.2
172.5°	925.2	926.3	927.3	928.4	928.9	928.2	926.9	925.6	924.2	922.9	924.2
175°	927.9	929.0	930.0	931.1	931.6	930.9	929.4	927.9	926.4	924.9	926.4
177.5°	928.6	929.7	930.7	931.8	932.3	931.6	930.3	929.0	927.6	926.3	927.6
180°	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3

TEST NUMBER: P998865

CATALOG NUMBER: SA2XXDIP-B675D725UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6
2.5°	1360.6	1353.6	1347.7	1348.7	1353.6	1349.7	1339.8	1327.0	1322.1	1316.2	1322.1
5°	1442.4	1436.5	1424.7	1425.7	1422.7	1418.8	1403.0	1383.2	1383.2	1367.5	1365.5
7.5°	1523.3	1514.5	1506.6	1504.6	1493.7	1485.9	1472.0	1444.4	1433.6	1414.8	1404.0
10°	1614.1	1607.2	1598.3	1587.5	1581.6	1567.7	1545.0	1504.6	1484.9	1459.2	1440.5
12.5°	1705.9	1704.9	1685.1	1663.4	1662.5	1640.8	1625.0	1570.7	1544.1	1509.5	1465.1
15°	1764.1	1759.1	1748.3	1737.4	1740.4	1716.7	1681.2	1617.1	1599.3	1557.9	1510.5
17.5°	1763.1	1763.1	1760.1	1758.2	1755.2	1748.3	1728.6	1686.1	1657.5	1605.2	1560.8
20°	1706.9	1719.7	1722.6	1721.7	1731.5	1736.5	1735.5	1708.8	1686.1	1639.8	1594.4
22.5°	1594.4	1624.0	1636.8	1644.7	1665.4	1676.3	1701.9	1692.1	1686.1	1651.6	1613.1
25°	1489.8	1499.7	1538.1	1540.1	1568.7	1595.4	1621.0	1637.8	1659.5	1646.7	1614.1
27.5°	1354.6	1377.3	1404.9	1425.7	1431.6	1485.9	1528.3	1559.8	1609.2	1613.1	1602.3
30°	1201.7	1212.6	1257.9	1285.6	1317.1	1356.6	1417.8	1472.0	1516.4	1556.9	1570.7
32.5°	1015.2	1059.6	1086.3	1119.8	1147.4	1217.5	1292.5	1362.5	1413.8	1481.9	1511.5
35°	844.5	879.1	924.5	938.3	988.6	1047.8	1145.5	1235.2	1313.2	1382.3	1442.4
37.5°	703.5	731.1	779.4	801.1	830.7	906.7	988.6	1100.1	1193.8	1278.7	1353.6
40°	606.8	627.5	664.0	670.9	695.6	764.6	830.7	935.3	1059.6	1174.1	1256.0
42.5°	540.7	550.5	575.2	584.1	599.9	646.2	705.4	804.1	919.5	1037.9	1153.4
45°	493.3	500.2	515.0	522.9	542.6	563.4	611.7	690.6	781.4	900.8	1025.1
47.5°	450.9	459.8	465.7	470.6	481.5	504.2	535.7	593.9	680.8	790.3	910.7
50°	415.4	418.3	429.2	430.2	437.1	451.9	481.5	517.0	586.1	674.8	791.3
52.5°	379.8	382.8	389.7	396.6	399.6	411.4	431.2	460.8	512.1	582.1	685.7
55°	344.3	348.3	355.2	360.1	363.1	372.9	384.8	413.4	453.8	503.2	588.0
57.5°	308.8	317.7	319.7	322.6	327.6	338.4	349.3	366.0	397.6	443.0	505.2
60°	275.3	278.2	285.1	288.1	293.0	298.9	312.8	325.6	348.3	383.8	440.0
62.5°	240.7	247.6	250.6	253.6	257.5	264.4	273.3	287.1	306.8	335.5	379.8
65°	211.1	212.1	218.0	222.0	225.9	230.9	239.7	252.6	264.4	291.1	323.6
67.5°	182.5	184.5	186.5	190.4	195.4	200.3	208.2	215.1	229.9	247.6	273.3
70°	154.9	154.9	159.8	162.8	161.8	167.7	173.6	181.5	192.4	209.2	229.9
72.5°	130.2	129.2	133.2	134.2	136.2	140.1	144.0	151.9	157.9	170.7	186.5
75°	103.6	105.6	107.5	107.5	110.5	113.5	117.4	121.4	128.3	136.2	148.0
77.5°	81.9	81.9	83.9	84.8	87.8	86.8	90.8	94.7	99.6	106.6	115.4
80°	60.2	62.2	62.2	62.2	63.1	64.1	68.1	71.0	74.0	78.9	82.9
82.5°	42.4	42.4	44.4	44.4	44.4	46.4	46.4	47.4	49.3	52.3	55.3
85°	26.6	26.6	26.6	27.6	26.6	27.6	29.6	28.6	29.6	31.6	31.6
87.5°	12.8	12.8	12.8	12.8	12.8	13.8	12.8	13.8	14.8	14.8	14.8
90°	17.5	17.2	16.9	16.8	16.4	15.7	14.9	14.2	13.4	12.2	11.0
92.5°	17.8	17.7	17.6	17.5	17.3	17.0	16.7	16.4	16.1	15.7	15.2
95°	29.2	29.4	29.5	29.6	29.2	28.5	27.7	27.0	26.2	25.2	24.1
97.5°	36.6	36.5	36.4	36.3	36.1	35.6	35.2	34.7	34.3	31.9	29.5
100°	44.4	44.1	43.8	43.7	43.1	41.9	40.7	39.5	38.3	35.8	33.2
102.5°	48.1	47.7	47.2	47.0	46.2	44.5	42.9	41.2	39.6	66.8	94.0
105°	49.8	49.3	48.7	48.4	47.6	45.9	44.3	42.6	41.0	81.7	122.5
107.5°	51.2	50.6	50.0	49.7	48.9	47.2	45.6	43.9	42.3	92.6	142.9
110°	51.9	51.3	50.7	50.4	57.9	72.8	87.7	102.6	117.5	160.7	203.8



TEST NUMBER: P998865

CATALOG NUMBER: SA2XXDIP-B675D725UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	52.8	52.4	51.9	51.7	83.9	148.2	212.5	276.9	341.2	343.7	346.3
115°	76.6	87.3	98.0	103.4	138.0	207.1	276.2	345.3	414.4	410.7	406.9
117.5°	256.9	296.0	335.1	354.7	365.4	386.7	408.0	429.4	450.7	448.2	445.6
120°	450.0	470.2	490.3	500.4	499.5	497.7	495.9	494.1	492.3	489.6	487.0
122.5°	536.4	536.2	536.1	536.0	535.6	534.7	533.8	532.9	532.0	529.0	526.0
125°	573.4	573.0	572.5	572.3	571.8	570.7	569.7	568.6	567.6	564.8	561.9
127.5°	607.6	607.4	607.3	607.2	606.5	605.0	603.5	602.0	600.5	598.3	596.0
130°	639.1	639.2	639.3	639.4	638.6	637.0	635.3	633.7	632.1	630.5	628.8
132.5°	669.3	669.5	669.6	669.7	669.0	667.7	666.3	665.0	663.6	662.0	660.3
135°	698.5	698.8	699.1	699.2	698.5	697.0	695.5	694.0	692.5	691.2	689.8
137.5°	725.7	726.1	726.6	726.8	726.0	724.5	723.0	721.5	720.0	718.5	717.0
140°	751.1	751.9	752.6	753.0	752.3	751.0	749.6	748.3	746.9	745.3	743.6
142.5°	775.3	776.0	776.7	777.1	776.5	775.3	774.2	773.0	771.8	769.8	767.9
145°	797.4	798.2	798.9	799.3	798.8	797.7	796.7	795.6	794.6	792.1	789.5
147.5°	817.3	817.9	818.5	818.8	818.4	817.7	816.9	816.2	815.4	812.9	810.3
150°	835.7	836.5	837.2	837.6	837.2	836.3	835.4	834.5	833.6	831.2	828.8
152.5°	851.8	852.8	853.9	854.4	854.0	853.1	852.2	851.3	850.4	848.2	845.9
155°	866.2	867.4	868.6	869.2	868.7	867.8	866.9	866.0	865.1	863.3	861.5
157.5°	879.6	880.8	882.0	882.6	882.1	881.0	880.0	878.9	877.9	876.5	875.2
160°	890.7	891.7	892.8	893.3	892.9	892.0	891.1	890.2	889.3	888.4	887.5
162.5°	900.7	902.1	903.4	904.1	903.6	902.5	901.5	900.4	899.4	898.6	897.9
165°	909.5	910.6	911.7	912.2	911.7	910.6	909.5	908.5	907.4	907.0	906.5
167.5°	916.2	917.5	918.8	919.5	919.0	917.9	916.9	915.8	914.8	914.4	913.9
170°	921.6	922.9	924.2	924.9	924.4	923.3	922.3	921.2	920.2	919.9	919.6
172.5°	925.6	926.9	928.2	928.9	928.4	927.3	926.3	925.2	924.2	923.9	923.6
175°	927.9	929.4	930.9	931.6	931.1	930.0	929.0	927.9	926.9	926.6	926.3
177.5°	929.0	930.3	931.6	932.3	931.8	930.7	929.7	928.6	927.6	927.4	927.3
180°	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3

TEST NUMBER: P998865

CATALOG NUMBER: SA2XXDIP-B675D725UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6
2.5°	1317.1	1312.2	1309.2	1311.2	1305.3	1290.5	1290.5	1295.4	1289.5	1283.6	1274.7
5°	1353.6	1343.8	1337.9	1336.9	1323.1	1299.4	1294.4	1289.5	1276.7	1262.9	1248.1
7.5°	1389.2	1371.4	1361.5	1354.6	1334.9	1304.3	1291.5	1280.6	1259.9	1239.2	1220.5
10°	1418.8	1393.1	1381.3	1370.4	1344.8	1306.3	1285.6	1265.8	1239.2	1212.6	1188.9
12.5°	1442.4	1412.8	1398.0	1382.3	1350.7	1300.4	1274.7	1243.1	1216.5	1181.0	1157.3
15°	1481.9	1420.7	1406.9	1392.1	1359.6	1290.5	1258.9	1223.4	1186.9	1139.5	1113.9
17.5°	1513.5	1431.6	1430.6	1399.0	1356.6	1286.6	1238.2	1191.8	1152.4	1105.0	1064.6
20°	1532.2	1448.4	1432.6	1400.0	1346.7	1259.9	1209.6	1158.3	1115.9	1058.6	1018.2
22.5°	1548.0	1472.0	1430.6	1391.1	1326.0	1251.0	1177.0	1128.7	1070.5	1008.3	969.8
25°	1553.9	1477.0	1433.6	1388.2	1311.2	1225.4	1141.5	1089.2	1024.1	967.9	915.6
27.5°	1554.9	1476.0	1422.7	1375.4	1290.5	1191.8	1106.0	1050.8	978.7	913.6	861.3
30°	1545.0	1465.1	1416.8	1365.5	1270.8	1161.3	1062.6	1001.4	924.5	859.3	805.1
32.5°	1515.5	1443.4	1404.0	1347.7	1245.1	1118.8	1021.2	953.1	872.2	808.0	755.8
35°	1466.1	1416.8	1373.4	1321.1	1211.6	1079.4	979.7	899.8	817.9	756.7	707.4
37.5°	1404.9	1378.3	1337.9	1286.6	1173.1	1043.8	933.3	844.5	762.7	703.5	655.1
40°	1322.1	1329.0	1289.5	1243.1	1127.7	995.5	873.2	788.3	711.4	656.1	608.7
42.5°	1232.3	1260.9	1238.2	1193.8	1077.4	942.2	828.8	735.0	660.0	602.8	563.4
45°	1135.6	1184.9	1171.1	1138.6	1025.1	886.0	765.6	674.8	608.7	553.5	519.0
47.5°	1030.0	1100.1	1100.1	1076.4	966.9	829.7	711.4	618.6	553.5	514.0	480.5
50°	922.5	1001.4	1014.2	998.5	901.8	765.6	645.3	561.4	505.2	466.7	442.0
52.5°	810.0	901.8	925.5	917.6	832.7	704.4	591.0	509.1	457.8	424.2	402.5
55°	702.5	809.0	834.7	837.6	758.7	637.4	530.8	458.8	409.4	386.8	368.0
57.5°	600.9	703.5	732.1	737.0	683.7	576.2	474.6	411.4	367.0	348.3	333.5
60°	514.0	599.9	637.4	648.2	601.8	505.2	422.3	361.1	327.6	309.8	296.0
62.5°	443.0	512.1	551.5	554.5	533.8	443.0	368.0	316.7	288.1	272.3	265.4
65°	373.9	436.1	459.8	471.6	454.8	383.8	317.7	275.3	252.6	238.8	231.9
67.5°	318.7	358.1	377.9	393.7	376.9	323.6	270.3	235.8	219.0	205.2	201.3
70°	261.5	294.0	308.8	324.6	309.8	269.3	230.9	199.3	184.5	173.6	168.7
72.5°	209.2	234.8	248.6	258.5	249.6	216.1	184.5	162.8	151.9	144.0	141.1
75°	165.8	183.5	191.4	198.3	194.4	168.7	149.0	131.2	121.4	114.4	112.5
77.5°	126.3	139.1	148.0	150.0	145.0	128.3	111.5	100.6	92.7	88.8	86.8
80°	89.8	97.7	102.6	105.6	100.6	93.7	81.9	74.0	67.1	62.2	61.2
82.5°	60.2	64.1	68.1	67.1	65.1	59.2	52.3	48.3	45.4	41.4	41.4
85°	34.5	35.5	37.5	38.5	37.5	33.5	29.6	27.6	25.7	22.7	22.7
87.5°	14.8	15.8	15.8	16.8	14.8	14.8	12.8	10.9	10.9	9.9	8.9
90°	9.9	8.7	8.1	7.3	5.6	4.0	2.3	0.7	2.3	4.0	5.6
92.5°	14.8	14.3	14.1	14.4	15.0	15.6	16.2	16.8	16.2	15.6	15.0
95°	23.1	22.0	21.5	24.0	28.9	33.8	38.8	43.7	38.8	33.8	28.9
97.5°	27.1	24.7	23.5	29.6	41.9	54.1	66.4	78.6	66.4	54.1	41.9
100°	30.7	28.2	26.9	37.1	57.6	78.0	98.5	118.9	98.5	78.0	57.6
102.5°	121.1	148.3	161.9	162.0	162.3	162.6	162.9	163.2	162.9	162.6	162.3
105°	163.2	203.9	224.3	222.1	217.6	213.1	208.7	204.2	208.7	213.1	217.6
107.5°	193.2	243.5	268.7	266.8	263.1	259.4	255.6	251.9	255.6	259.4	263.1
110°	247.0	290.1	311.7	310.1	307.0	303.9	300.7	297.6	300.7	303.9	307.0

TEST NUMBER: P998865

CATALOG NUMBER: SA2XXDIP-B675D725UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	348.8	351.3	352.6	351.3	348.6	345.9	343.2	340.5	343.2	345.9	348.6
115°	403.2	399.5	397.6	396.3	393.8	391.3	388.7	386.2	388.7	391.3	393.8
117.5°	443.1	440.6	439.3	437.8	434.8	431.8	428.8	425.8	428.8	431.8	434.8
120°	484.3	481.6	480.3	479.2	476.9	474.7	472.4	470.2	472.4	474.7	476.9
122.5°	523.0	520.0	518.5	517.3	514.9	512.6	510.2	507.8	510.2	512.6	514.9
125°	559.1	556.2	554.8	553.8	551.9	550.0	548.0	546.1	548.0	550.0	551.9
127.5°	593.8	591.5	590.4	589.4	587.3	585.2	583.1	581.0	583.1	585.2	587.3
130°	627.2	625.5	624.7	623.5	621.1	618.7	616.3	613.9	616.3	618.7	621.1
132.5°	658.7	657.0	656.2	655.2	653.3	651.4	649.4	647.5	649.4	651.4	653.3
135°	688.5	687.2	686.5	685.3	682.9	680.5	678.1	675.7	678.1	680.5	682.9
137.5°	715.5	714.0	713.3	712.4	710.6	708.9	707.1	705.3	707.1	708.9	710.6
140°	742.0	740.3	739.5	738.9	737.7	736.6	735.4	734.2	735.4	736.6	737.7
142.5°	765.9	764.0	763.0	762.5	761.4	760.4	759.3	758.3	759.3	760.4	761.4
145°	787.0	784.5	783.2	783.3	783.4	783.6	783.7	783.9	783.7	783.6	783.4
147.5°	807.8	805.3	804.0	804.2	804.7	805.1	805.6	806.0	805.6	805.1	804.7
150°	826.4	824.0	822.8	823.3	824.4	825.4	826.5	827.5	826.5	825.4	824.4
152.5°	843.7	841.4	840.3	840.9	842.1	843.3	844.5	845.7	844.5	843.3	842.1
155°	859.8	858.0	857.1	857.8	859.1	860.4	861.8	863.1	861.8	860.4	859.1
157.5°	873.8	872.5	871.8	872.4	873.6	874.8	876.0	877.2	876.0	874.8	873.6
160°	886.6	885.7	885.3	885.7	886.6	887.5	888.4	889.3	888.4	887.5	886.6
162.5°	897.1	896.4	896.0	896.5	897.4	898.3	899.2	900.1	899.2	898.3	897.4
165°	906.1	905.6	905.4	905.9	906.8	907.7	908.6	909.5	908.6	907.7	906.8
167.5°	913.5	913.0	912.8	913.3	914.2	915.1	916.0	916.9	916.0	915.1	914.2
170°	919.3	919.0	918.9	919.3	920.2	921.1	922.0	922.9	922.0	921.1	920.2
172.5°	923.3	923.0	922.9	923.3	924.2	925.1	926.0	926.9	926.0	925.1	924.2
175°	926.0	925.7	925.6	926.1	927.2	928.2	929.3	930.3	929.3	928.2	927.2
177.5°	927.1	927.0	926.9	927.4	928.5	929.5	930.6	931.6	930.6	929.5	928.5
180°	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3

TEST NUMBER: P998865

CATALOG NUMBER: SA2XXDIP-B675D725UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6
2.5°	1269.8	1274.7	1273.7	1263.9	1253.0	1244.1	1227.4	1229.3	1223.4	1224.4	1230.3
5°	1238.2	1238.2	1234.3	1220.5	1202.7	1192.8	1174.1	1169.1	1157.3	1156.3	1155.3
7.5°	1204.7	1199.7	1194.8	1175.1	1153.4	1137.6	1111.9	1106.0	1094.2	1086.3	1082.3
10°	1165.2	1158.3	1148.4	1125.7	1099.1	1079.4	1052.7	1044.8	1022.1	1012.3	1006.4
12.5°	1121.8	1117.8	1102.1	1083.3	1039.9	1018.2	979.7	987.6	964.9	945.2	942.2
15°	1078.4	1063.6	1054.7	1024.1	971.8	962.0	931.4	915.6	894.9	879.1	879.1
17.5°	1036.0	1013.3	993.5	961.0	922.5	894.9	872.2	864.3	838.6	822.8	819.9
20°	979.7	954.1	949.1	902.8	876.1	845.5	823.8	804.1	785.4	778.4	773.5
22.5°	926.4	896.8	888.9	849.5	822.8	792.3	770.6	756.7	742.9	738.0	729.1
25°	869.2	851.5	839.6	797.2	767.6	739.0	724.2	714.3	701.5	700.5	694.6
27.5°	814.0	797.2	785.4	744.9	723.2	696.6	684.7	673.9	667.0	664.0	661.0
30°	766.6	747.9	734.0	704.4	677.8	656.1	646.2	639.3	635.4	630.5	629.5
32.5°	714.3	703.5	684.7	662.0	641.3	620.6	614.7	609.7	603.8	601.8	600.9
35°	669.9	655.1	643.3	617.6	608.7	591.0	584.1	580.1	572.2	570.3	568.3
37.5°	626.5	612.7	599.9	584.1	567.3	557.4	553.5	547.6	543.6	544.6	542.6
40°	583.1	572.2	562.4	545.6	535.7	530.8	522.9	517.0	515.0	516.0	515.0
42.5°	540.7	530.8	524.9	512.1	502.2	497.3	492.3	486.4	489.4	489.4	492.3
45°	502.2	493.3	489.4	479.5	473.6	465.7	460.8	459.8	463.7	462.7	462.7
47.5°	462.7	459.8	454.8	446.0	438.1	433.1	432.1	432.1	436.1	438.1	437.1
50°	432.1	426.2	420.3	413.4	407.5	405.5	402.5	404.5	408.5	408.5	410.4
52.5°	393.7	389.7	387.7	381.8	377.9	377.9	377.9	378.9	381.8	384.8	383.8
55°	360.1	357.2	355.2	352.2	347.3	348.3	347.3	349.3	352.2	355.2	357.2
57.5°	324.6	323.6	321.6	316.7	316.7	315.7	318.7	319.7	324.6	326.6	329.5
60°	293.0	290.1	290.1	286.1	286.1	286.1	289.1	292.0	296.0	297.0	298.9
62.5°	259.5	259.5	258.5	255.5	255.5	258.5	259.5	263.4	265.4	265.4	268.4
65°	227.9	226.9	225.9	226.9	227.9	227.9	230.9	232.8	234.8	235.8	236.8
67.5°	196.3	195.4	197.3	196.3	198.3	202.3	201.3	204.2	207.2	207.2	208.2
70°	166.7	168.7	167.7	169.7	168.7	170.7	173.6	174.6	174.6	175.6	178.6
72.5°	139.1	139.1	139.1	138.1	139.1	141.1	143.1	144.0	146.0	147.0	150.0
75°	112.5	112.5	110.5	112.5	112.5	114.4	116.4	116.4	116.4	118.4	121.4
77.5°	84.8	85.8	84.8	86.8	86.8	87.8	89.8	88.8	90.8	91.8	92.7
80°	62.2	61.2	61.2	61.2	62.2	62.2	64.1	65.1	65.1	68.1	66.1
82.5°	39.5	40.5	39.5	40.5	40.5	41.4	40.5	41.4	42.4	44.4	43.4
85°	22.7	21.7	21.7	22.7	21.7	21.7	22.7	21.7	22.7	21.7	22.7
87.5°	8.9	7.9	7.9	7.9	7.9	6.9	6.9	5.9	5.9	5.9	4.9
90°	7.3	8.1	8.7	9.9	11.0	12.2	13.4	14.2	14.9	15.7	16.4
92.5°	14.4	14.1	14.3	14.8	15.2	15.7	16.1	16.4	16.7	17.0	17.3
95°	24.0	21.5	22.0	23.1	24.1	25.2	26.2	27.0	27.7	28.5	29.2
97.5°	29.6	23.5	24.7	27.1	29.5	31.9	34.3	34.7	35.2	35.6	36.1
100°	37.1	26.9	28.2	30.7	33.2	35.8	38.3	39.5	40.7	41.9	43.1
102.5°	162.0	161.9	148.3	121.1	94.0	66.8	39.6	41.2	42.9	44.5	46.2
105°	222.1	224.3	203.9	163.2	122.5	81.7	41.0	42.6	44.3	45.9	47.6
107.5°	266.8	268.7	243.5	193.2	142.9	92.6	42.3	43.9	45.6	47.2	48.9
110°	310.1	311.7	290.1	247.0	203.8	160.7	117.5	102.6	87.7	72.8	57.9

TEST NUMBER: P998865

CATALOG NUMBER: SA2XXDIP-B675D725UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	351.3	352.6	351.3	348.8	346.3	343.7	341.2	276.9	212.5	148.2	83.9
115°	396.3	397.6	399.5	403.2	406.9	410.7	414.4	345.3	276.2	207.1	138.0
117.5°	437.8	439.3	440.6	443.1	445.6	448.2	450.7	429.4	408.0	386.7	365.4
120°	479.2	480.3	481.6	484.3	487.0	489.6	492.3	494.1	495.9	497.7	499.5
122.5°	517.3	518.5	520.0	523.0	526.0	529.0	532.0	532.9	533.8	534.7	535.6
125°	553.8	554.8	556.2	559.1	561.9	564.8	567.6	568.6	569.7	570.7	571.8
127.5°	589.4	590.4	591.5	593.8	596.0	598.3	600.5	602.0	603.5	605.0	606.5
130°	623.5	624.7	625.5	627.2	628.8	630.5	632.1	633.7	635.3	637.0	638.6
132.5°	655.2	656.2	657.0	658.7	660.3	662.0	663.6	665.0	666.3	667.7	669.0
135°	685.3	686.5	687.2	688.5	689.8	691.2	692.5	694.0	695.5	697.0	698.5
137.5°	712.4	713.3	714.0	715.5	717.0	718.5	720.0	721.5	723.0	724.5	726.0
140°	738.9	739.5	740.3	742.0	743.6	745.3	746.9	748.3	749.6	751.0	752.3
142.5°	762.5	763.0	764.0	765.9	767.9	769.8	771.8	773.0	774.2	775.3	776.5
145°	783.3	783.2	784.5	787.0	789.5	792.1	794.6	795.6	796.7	797.7	798.8
147.5°	804.2	804.0	805.3	807.8	810.3	812.9	815.4	816.2	816.9	817.7	818.4
150°	823.3	822.8	824.0	826.4	828.8	831.2	833.6	834.5	835.4	836.3	837.2
152.5°	840.9	840.3	841.4	843.7	845.9	848.2	850.4	851.3	852.2	853.1	854.0
155°	857.8	857.1	858.0	859.8	861.5	863.3	865.1	866.0	866.9	867.8	868.7
157.5°	872.4	871.8	872.5	873.8	875.2	876.5	877.9	878.9	880.0	881.0	882.1
160°	885.7	885.3	885.7	886.6	887.5	888.4	889.3	890.2	891.1	892.0	892.9
162.5°	896.5	896.0	896.4	897.1	897.9	898.6	899.4	900.4	901.5	902.5	903.6
165°	905.9	905.4	905.6	906.1	906.5	907.0	907.4	908.5	909.5	910.6	911.7
167.5°	913.3	912.8	913.0	913.5	913.9	914.4	914.8	915.8	916.9	917.9	919.0
170°	919.3	918.9	919.0	919.3	919.6	919.9	920.2	921.2	922.3	923.3	924.4
172.5°	923.3	922.9	923.0	923.3	923.6	923.9	924.2	925.2	926.3	927.3	928.4
175°	926.1	925.6	925.7	926.0	926.3	926.6	926.9	927.9	929.0	930.0	931.1
177.5°	927.4	926.9	927.0	927.1	927.3	927.4	927.6	928.6	929.7	930.7	931.8
180°	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3

TEST NUMBER: P998865

CATALOG NUMBER: SA2XXDIP-B675D725UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6
2.5°	1223.4	1226.4	1219.5	1217.5	1219.5	1212.6	1214.5	1216.5	1216.5	1219.5	1221.4
5°	1152.4	1148.4	1141.5	1139.5	1137.6	1140.5	1138.6	1141.5	1142.5	1149.4	1150.4
7.5°	1082.3	1076.4	1070.5	1064.6	1062.6	1057.7	1062.6	1062.6	1069.5	1067.5	1072.5
10°	999.4	998.5	990.6	987.6	983.7	975.8	986.6	983.7	988.6	997.5	999.4
12.5°	938.3	927.4	932.4	918.5	923.5	915.6	916.6	916.6	924.5	925.5	923.5
15°	880.1	871.2	858.4	852.4	849.5	845.5	858.4	859.3	853.4	867.2	862.3
17.5°	820.9	820.9	809.0	806.1	798.2	802.1	800.1	801.1	799.2	809.0	814.0
20°	769.6	764.6	760.7	761.7	751.8	749.8	747.9	749.8	756.7	763.6	765.6
22.5°	728.1	725.2	715.3	717.3	709.4	712.3	710.4	715.3	716.3	716.3	723.2
25°	688.7	684.7	685.7	681.8	678.8	678.8	675.8	678.8	682.7	684.7	685.7
27.5°	659.1	656.1	651.2	648.2	650.2	645.3	649.2	652.2	652.2	650.2	652.2
30°	623.5	625.5	625.5	615.7	619.6	617.6	620.6	622.6	622.6	623.5	621.6
32.5°	599.9	593.9	593.0	592.0	592.0	588.0	588.0	591.0	592.0	593.0	595.9
35°	568.3	568.3	563.4	566.3	562.4	563.4	562.4	563.4	565.3	562.4	565.3
37.5°	539.7	540.7	538.7	540.7	541.7	539.7	537.7	541.7	539.7	539.7	537.7
40°	515.0	514.0	515.0	515.0	515.0	516.0	514.0	514.0	514.0	512.1	510.1
42.5°	494.3	488.4	490.4	491.3	488.4	488.4	489.4	488.4	491.3	485.4	485.4
45°	464.7	462.7	463.7	463.7	465.7	462.7	464.7	465.7	462.7	461.7	459.8
47.5°	438.1	440.0	438.1	440.0	440.0	442.0	438.1	439.0	440.0	436.1	433.1
50°	411.4	411.4	414.4	413.4	414.4	412.4	412.4	411.4	412.4	410.4	407.5
52.5°	386.8	383.8	388.7	387.7	386.8	385.8	384.8	385.8	383.8	381.8	381.8
55°	356.2	356.2	359.1	360.1	360.1	358.1	356.2	357.2	356.2	355.2	354.2
57.5°	331.5	327.6	329.5	330.5	330.5	327.6	329.5	327.6	327.6	328.5	325.6
60°	299.9	299.9	298.0	300.9	300.9	298.9	298.9	299.9	298.0	297.0	296.0
62.5°	266.4	267.4	270.3	271.3	272.3	270.3	268.4	269.3	269.3	266.4	267.4
65°	237.8	239.7	243.7	242.7	240.7	241.7	239.7	240.7	237.8	238.8	235.8
67.5°	210.2	209.2	210.2	210.2	212.1	211.1	209.2	209.2	208.2	211.1	208.2
70°	180.6	180.6	180.6	180.6	181.5	182.5	180.6	178.6	179.6	177.6	176.6
72.5°	150.0	151.0	150.0	151.9	149.0	151.0	151.0	150.0	149.0	149.0	149.0
75°	121.4	123.3	120.4	121.4	120.4	122.3	121.4	121.4	119.4	118.4	119.4
77.5°	92.7	93.7	91.8	92.7	91.8	92.7	92.7	91.8	91.8	91.8	91.8
80°	66.1	67.1	66.1	65.1	64.1	66.1	64.1	65.1	66.1	65.1	67.1
82.5°	42.4	42.4	41.4	42.4	40.5	40.5	41.4	41.4	40.5	42.4	40.5
85°	20.7	20.7	22.7	20.7	19.7	19.7	19.7	20.7	19.7	21.7	20.7
87.5°	4.9	3.9	4.9	4.9	3.9	3.9	4.9	3.9	4.9	5.9	3.9
90°	16.8	16.9	17.2	17.5	17.8	18.1	17.8	17.5	17.2	16.9	16.8
92.5°	17.5	17.6	17.7	17.8	18.0	18.1	18.0	17.8	17.7	17.6	17.5
95°	29.6	29.5	29.4	29.2	29.1	28.9	29.1	29.2	29.4	29.5	29.6
97.5°	36.3	36.4	36.5	36.6	36.8	36.9	36.8	36.6	36.5	36.4	36.3
100°	43.7	43.8	44.1	44.4	44.7	45.0	44.7	44.4	44.1	43.8	43.7
102.5°	47.0	47.2	47.7	48.1	48.6	49.0	48.6	48.1	47.7	47.2	47.0
105°	48.4	48.7	49.3	49.8	50.4	51.0	50.4	49.8	49.3	48.7	48.4
107.5°	49.7	50.0	50.6	51.2	51.8	52.4	51.8	51.2	50.6	50.0	49.7
110°	50.4	50.7	51.3	51.9	52.5	53.1	52.5	51.9	51.3	50.7	50.4

TEST NUMBER: P998865

CATALOG NUMBER: SA2XXDIP-B675D725UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	51.7	51.9	52.4	52.8	53.3	53.7	53.3	52.8	52.4	51.9	51.7
115°	103.4	98.0	87.3	76.6	65.8	55.1	65.8	76.6	87.3	98.0	103.4
117.5°	354.7	335.1	296.0	256.9	217.8	178.7	217.8	256.9	296.0	335.1	354.7
120°	500.4	490.3	470.2	450.0	429.9	409.7	429.9	450.0	470.2	490.3	500.4
122.5°	536.0	536.1	536.2	536.4	536.5	536.7	536.5	536.4	536.2	536.1	536.0
125°	572.3	572.5	573.0	573.4	573.9	574.3	573.9	573.4	573.0	572.5	572.3
127.5°	607.2	607.3	607.4	607.6	607.7	607.9	607.7	607.6	607.4	607.3	607.2
130°	639.4	639.3	639.2	639.1	638.9	638.8	638.9	639.1	639.2	639.3	639.4
132.5°	669.7	669.6	669.5	669.3	669.2	669.0	669.2	669.3	669.5	669.6	669.7
135°	699.2	699.1	698.8	698.5	698.2	697.9	698.2	698.5	698.8	699.1	699.2
137.5°	726.8	726.6	726.1	725.7	725.2	724.8	725.2	725.7	726.1	726.6	726.8
140°	753.0	752.6	751.9	751.1	750.4	749.6	750.4	751.1	751.9	752.6	753.0
142.5°	777.1	776.7	776.0	775.3	774.5	773.8	774.5	775.3	776.0	776.7	777.1
145°	799.3	798.9	798.2	797.4	796.7	795.9	796.7	797.4	798.2	798.9	799.3
147.5°	818.8	818.5	817.9	817.3	816.7	816.1	816.7	817.3	817.9	818.5	818.8
150°	837.6	837.2	836.5	835.7	835.0	834.2	835.0	835.7	836.5	837.2	837.6
152.5°	854.4	853.9	852.8	851.8	850.7	849.7	850.7	851.8	852.8	853.9	854.4
155°	869.2	868.6	867.4	866.2	865.0	863.8	865.0	866.2	867.4	868.6	869.2
157.5°	882.6	882.0	880.8	879.6	878.4	877.2	878.4	879.6	880.8	882.0	882.6
160°	893.3	892.8	891.7	890.7	889.6	888.6	889.6	890.7	891.7	892.8	893.3
162.5°	904.1	903.4	902.1	900.7	899.4	898.0	899.4	900.7	902.1	903.4	904.1
165°	912.2	911.7	910.6	909.5	908.5	907.4	908.5	909.5	910.6	911.7	912.2
167.5°	919.5	918.8	917.5	916.2	914.8	913.5	914.8	916.2	917.5	918.8	919.5
170°	924.9	924.2	922.9	921.6	920.2	918.9	920.2	921.6	922.9	924.2	924.9
172.5°	928.9	928.2	926.9	925.6	924.2	922.9	924.2	925.6	926.9	928.2	928.9
175°	931.6	930.9	929.4	927.9	926.4	924.9	926.4	927.9	929.4	930.9	931.6
177.5°	932.3	931.6	930.3	929.0	927.6	926.3	927.6	929.0	930.3	931.6	932.3
180°	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3

TEST NUMBER: P998865

CATALOG NUMBER: SA2XXDIP-B675D725UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6
2.5°	1218.5	1226.4	1223.4	1212.6	1225.4	1225.4	1234.3	1234.3	1245.1	1249.1	1255.0
5°	1149.4	1155.3	1160.3	1155.3	1164.2	1178.0	1185.9	1192.8	1207.6	1213.5	1222.4
7.5°	1075.4	1086.3	1091.2	1091.2	1106.0	1121.8	1137.6	1147.4	1168.2	1176.1	1184.9
10°	1003.4	1016.2	1026.1	1025.1	1049.8	1059.6	1079.4	1102.1	1122.8	1134.6	1147.4
12.5°	927.4	934.3	948.1	967.9	973.8	991.6	1014.2	1042.9	1080.4	1091.2	1109.9
15°	864.3	883.0	893.9	902.8	916.6	933.3	958.0	985.6	1023.1	1046.8	1066.5
17.5°	811.0	835.7	842.6	840.6	858.4	884.0	912.6	933.3	966.9	995.5	1014.2
20°	767.6	777.5	789.3	794.2	808.0	835.7	863.3	887.0	914.6	937.3	959.0
22.5°	724.2	732.1	741.9	750.8	761.7	777.5	804.1	833.7	860.3	882.0	906.7
25°	688.7	693.6	702.5	709.4	721.2	732.1	750.8	783.4	814.9	827.8	849.5
27.5°	654.1	658.1	664.0	671.9	677.8	688.7	705.4	732.1	764.6	777.5	807.1
30°	623.5	626.5	632.4	636.4	639.3	652.2	665.0	685.7	710.4	728.1	749.8
32.5°	594.9	597.9	603.8	604.8	608.7	615.7	627.5	646.2	667.9	682.7	701.5
35°	563.4	565.3	571.3	573.2	576.2	582.1	591.0	604.8	624.5	635.4	652.2
37.5°	538.7	537.7	541.7	544.6	548.6	551.5	554.5	568.3	583.1	593.0	605.8
40°	512.1	510.1	511.1	515.0	517.0	520.9	520.9	534.7	544.6	552.5	562.4
42.5°	485.4	484.4	482.5	484.4	486.4	487.4	488.4	498.2	508.1	515.0	525.9
45°	458.8	457.8	455.8	456.8	456.8	458.8	461.7	465.7	472.6	478.5	484.4
47.5°	434.1	432.1	429.2	428.2	430.2	430.2	430.2	434.1	441.0	443.0	448.9
50°	408.5	405.5	401.6	399.6	399.6	398.6	400.6	401.6	407.5	409.4	414.4
52.5°	380.8	378.9	374.9	371.0	372.0	370.0	371.0	372.0	373.9	376.9	379.8
55°	353.2	349.3	346.3	345.3	342.4	342.4	339.4	343.3	342.4	343.3	347.3
57.5°	326.6	322.6	317.7	315.7	312.8	311.8	309.8	308.8	309.8	312.8	315.7
60°	295.0	293.0	290.1	287.1	285.1	282.2	280.2	280.2	279.2	279.2	280.2
62.5°	264.4	263.4	259.5	258.5	256.5	254.5	251.6	249.6	249.6	251.6	252.6
65°	234.8	233.8	230.9	229.9	224.9	223.0	222.0	221.0	219.0	219.0	219.0
67.5°	207.2	204.2	204.2	199.3	195.4	193.4	191.4	190.4	190.4	190.4	191.4
70°	176.6	176.6	173.6	170.7	166.7	167.7	164.8	161.8	161.8	159.8	160.8
72.5°	147.0	146.0	143.1	142.1	139.1	136.2	134.2	136.2	133.2	132.2	133.2
75°	118.4	117.4	115.4	113.5	114.4	111.5	108.5	107.5	107.5	105.6	105.6
77.5°	90.8	92.7	88.8	87.8	85.8	83.9	82.9	81.9	81.9	81.9	83.9
80°	63.1	64.1	64.1	62.2	63.1	60.2	60.2	60.2	57.2	58.2	59.2
82.5°	40.5	40.5	39.5	40.5	39.5	39.5	38.5	38.5	37.5	37.5	38.5
85°	22.7	21.7	20.7	22.7	21.7	21.7	20.7	20.7	20.7	20.7	20.7
87.5°	4.9	5.9	5.9	5.9	5.9	6.9	6.9	6.9	7.9	7.9	7.9
90°	16.4	15.7	14.9	14.2	13.4	12.2	11.0	9.9	8.7	8.1	7.3
92.5°	17.3	17.0	16.7	16.4	16.1	15.7	15.2	14.8	14.3	14.1	14.4
95°	29.2	28.5	27.7	27.0	26.2	25.2	24.1	23.1	22.0	21.5	24.0
97.5°	36.1	35.6	35.2	34.7	34.3	31.9	29.5	27.1	24.7	23.5	29.6
100°	43.1	41.9	40.7	39.5	38.3	35.8	33.2	30.7	28.2	26.9	37.1
102.5°	46.2	44.5	42.9	41.2	39.6	66.8	94.0	121.1	148.3	161.9	162.0
105°	47.6	45.9	44.3	42.6	41.0	81.7	122.5	163.2	203.9	224.3	222.1
107.5°	48.9	47.2	45.6	43.9	42.3	92.6	142.9	193.2	243.5	268.7	266.8
110°	57.9	72.8	87.7	102.6	117.5	160.7	203.8	247.0	290.1	311.7	310.1

TEST NUMBER: P998865

CATALOG NUMBER: SA2XXDIP-B675D725UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	83.9	148.2	212.5	276.9	341.2	343.7	346.3	348.8	351.3	352.6	351.3
115°	138.0	207.1	276.2	345.3	414.4	410.7	406.9	403.2	399.5	397.6	396.3
117.5°	365.4	386.7	408.0	429.4	450.7	448.2	445.6	443.1	440.6	439.3	437.8
120°	499.5	497.7	495.9	494.1	492.3	489.6	487.0	484.3	481.6	480.3	479.2
122.5°	535.6	534.7	533.8	532.9	532.0	529.0	526.0	523.0	520.0	518.5	517.3
125°	571.8	570.7	569.7	568.6	567.6	564.8	561.9	559.1	556.2	554.8	553.8
127.5°	606.5	605.0	603.5	602.0	600.5	598.3	596.0	593.8	591.5	590.4	589.4
130°	638.6	637.0	635.3	633.7	632.1	630.5	628.8	627.2	625.5	624.7	623.5
132.5°	669.0	667.7	666.3	665.0	663.6	662.0	660.3	658.7	657.0	656.2	655.2
135°	698.5	697.0	695.5	694.0	692.5	691.2	689.8	688.5	687.2	686.5	685.3
137.5°	726.0	724.5	723.0	721.5	720.0	718.5	717.0	715.5	714.0	713.3	712.4
140°	752.3	751.0	749.6	748.3	746.9	745.3	743.6	742.0	740.3	739.5	738.9
142.5°	776.5	775.3	774.2	773.0	771.8	769.8	767.9	765.9	764.0	763.0	762.5
145°	798.8	797.7	796.7	795.6	794.6	792.1	789.5	787.0	784.5	783.2	783.3
147.5°	818.4	817.7	816.9	816.2	815.4	812.9	810.3	807.8	805.3	804.0	804.2
150°	837.2	836.3	835.4	834.5	833.6	831.2	828.8	826.4	824.0	822.8	823.3
152.5°	854.0	853.1	852.2	851.3	850.4	848.2	845.9	843.7	841.4	840.3	840.9
155°	868.7	867.8	866.9	866.0	865.1	863.3	861.5	859.8	858.0	857.1	857.8
157.5°	882.1	881.0	880.0	878.9	877.9	876.5	875.2	873.8	872.5	871.8	872.4
160°	892.9	892.0	891.1	890.2	889.3	888.4	887.5	886.6	885.7	885.3	885.7
162.5°	903.6	902.5	901.5	900.4	899.4	898.6	897.9	897.1	896.4	896.0	896.5
165°	911.7	910.6	909.5	908.5	907.4	907.0	906.5	906.1	905.6	905.4	905.9
167.5°	919.0	917.9	916.9	915.8	914.8	914.4	913.9	913.5	913.0	912.8	913.3
170°	924.4	923.3	922.3	921.2	920.2	919.9	919.6	919.3	919.0	918.9	919.3
172.5°	928.4	927.3	926.3	925.2	924.2	923.9	923.6	923.3	923.0	922.9	923.3
175°	931.1	930.0	929.0	927.9	926.9	926.6	926.3	926.0	925.7	925.6	926.1
177.5°	931.8	930.7	929.7	928.6	927.6	927.4	927.3	927.1	927.0	926.9	927.4
180°	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3

TEST NUMBER: P998865

CATALOG NUMBER: SA2XXDIP-B675D725UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1283.6	1283.6	1283.6	1283.6
2.5°	1259.9	1259.9	1274.7	1290.5
5°	1232.3	1239.2	1262.9	1284.6
7.5°	1205.7	1217.5	1247.1	1274.7
10°	1173.1	1188.9	1225.4	1257.9
12.5°	1141.5	1156.3	1198.7	1235.2
15°	1097.1	1115.9	1161.3	1206.6
17.5°	1052.7	1071.5	1126.7	1180.0
20°	1000.4	1025.1	1087.3	1158.3
22.5°	952.1	982.7	1051.7	1109.0
25°	898.8	946.2	1010.3	1084.3
27.5°	851.5	898.8	963.9	1038.9
30°	798.2	846.5	913.6	982.7
32.5°	746.9	791.3	856.4	941.2
35°	693.6	736.0	799.2	885.0
37.5°	645.3	686.7	755.8	834.7
40°	597.9	641.3	700.5	779.4
42.5°	553.5	592.0	645.3	724.2
45°	513.0	540.7	590.0	664.0
47.5°	470.6	495.3	540.7	614.7
50°	431.2	451.9	491.3	560.4
52.5°	392.7	410.4	446.9	502.2
55°	358.1	374.9	401.6	455.8
57.5°	322.6	335.5	361.1	404.5
60°	288.1	299.9	320.7	356.2
62.5°	253.6	263.4	283.2	311.8
65°	223.0	230.9	245.7	270.3
67.5°	193.4	198.3	210.2	229.9
70°	164.8	168.7	178.6	194.4
72.5°	134.2	138.1	149.0	159.8
75°	108.5	109.5	117.4	126.3
77.5°	84.8	83.9	89.8	96.7
80°	58.2	61.2	66.1	69.1
82.5°	39.5	40.5	42.4	44.4
85°	21.7	22.7	22.7	25.7
87.5°	8.9	9.9	9.9	10.9
90°	5.6	4.0	2.3	0.7
92.5°	15.0	15.6	16.2	16.8
95°	28.9	33.8	38.8	43.7
97.5°	41.9	54.1	66.4	78.6
100°	57.6	78.0	98.5	118.9
102.5°	162.3	162.6	162.9	163.2
105°	217.6	213.1	208.7	204.2
107.5°	263.1	259.4	255.6	251.9
110°	307.0	303.9	300.7	297.6



TEST NUMBER: P998865

CATALOG NUMBER: SA2XXDIP-B675D725UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	348.6	345.9	343.2	340.5
115°	393.8	391.3	388.7	386.2
117.5°	434.8	431.8	428.8	425.8
120°	476.9	474.7	472.4	470.2
122.5°	514.9	512.6	510.2	507.8
125°	551.9	550.0	548.0	546.1
127.5°	587.3	585.2	583.1	581.0
130°	621.1	618.7	616.3	613.9
132.5°	653.3	651.4	649.4	647.5
135°	682.9	680.5	678.1	675.7
137.5°	710.6	708.9	707.1	705.3
140°	737.7	736.6	735.4	734.2
142.5°	761.4	760.4	759.3	758.3
145°	783.4	783.6	783.7	783.9
147.5°	804.7	805.1	805.6	806.0
150°	824.4	825.4	826.5	827.5
152.5°	842.1	843.3	844.5	845.7
155°	859.1	860.4	861.8	863.1
157.5°	873.6	874.8	876.0	877.2
160°	886.6	887.5	888.4	889.3
162.5°	897.4	898.3	899.2	900.1
165°	906.8	907.7	908.6	909.5
167.5°	914.2	915.1	916.0	916.9
170°	920.2	921.1	922.0	922.9
172.5°	924.2	925.1	926.0	926.9
175°	927.2	928.2	929.3	930.3
177.5°	928.5	929.5	930.6	931.6
180°	928.3	928.3	928.3	928.3

TEST NUMBER: P998865

CATALOG NUMBER: SA2XXDIP-B675D725UB2750-4F0-XX-W2A-A_5000K

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	16.40	17.24	17.36	18.20	19.46	13.89	14.73	14.85	15.70	16.96
	3H	17.21	17.96	18.18	18.93	20.22	15.24	15.99	16.20	16.96	18.24
	4H	17.38	18.09	18.36	19.07	20.36	15.70	16.41	16.68	17.39	18.68
	6H	17.42	18.07	18.41	19.06	20.36	16.00	16.66	17.00	17.64	18.94
	8H	17.40	18.02	18.40	19.02	20.32	16.09	16.71	17.09	17.71	19.01
	12H	17.36	17.95	18.37	18.95	20.27	16.13	16.72	17.13	17.71	19.04
4H	2H	16.44	17.15	17.43	18.13	19.42	14.34	15.04	15.32	16.02	17.32
	3H	17.42	18.01	18.41	19.02	20.32	15.80	16.38	16.79	17.39	18.70
	4H	17.69	18.23	18.70	19.23	20.56	16.33	16.87	17.33	17.87	19.20
	6H	17.82	18.28	18.84	19.31	20.64	16.71	17.17	17.72	18.19	19.52
	8H	17.82	18.25	18.84	19.27	20.61	16.82	17.25	17.83	18.27	19.61
	12H	17.78	18.17	18.82	19.21	20.55	16.87	17.26	17.91	18.30	19.64
8H	4H	17.70	18.13	18.72	19.15	20.49	16.47	16.90	17.49	17.92	19.26
	6H	17.88	18.23	18.92	19.29	20.63	16.90	17.26	17.94	18.32	19.66
	8H	17.91	18.22	18.96	19.27	20.62	17.05	17.37	18.10	18.41	19.77
	12H	17.89	18.17	18.94	19.21	20.61	17.15	17.42	18.20	18.46	19.86
12H	4H	17.66	18.05	18.69	19.08	20.42	16.44	16.83	17.48	17.87	19.21
	6H	17.86	18.17	18.91	19.22	20.57	16.90	17.22	17.95	18.26	19.62
	8H	17.89	18.16	18.94	19.20	20.60	17.06	17.34	18.11	18.38	19.78